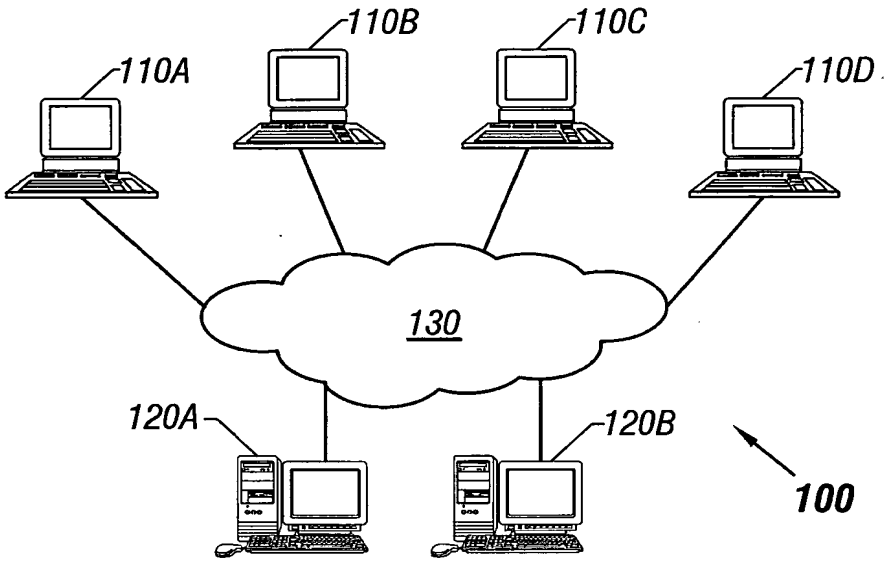


FIG. 1A
(Prior Art)

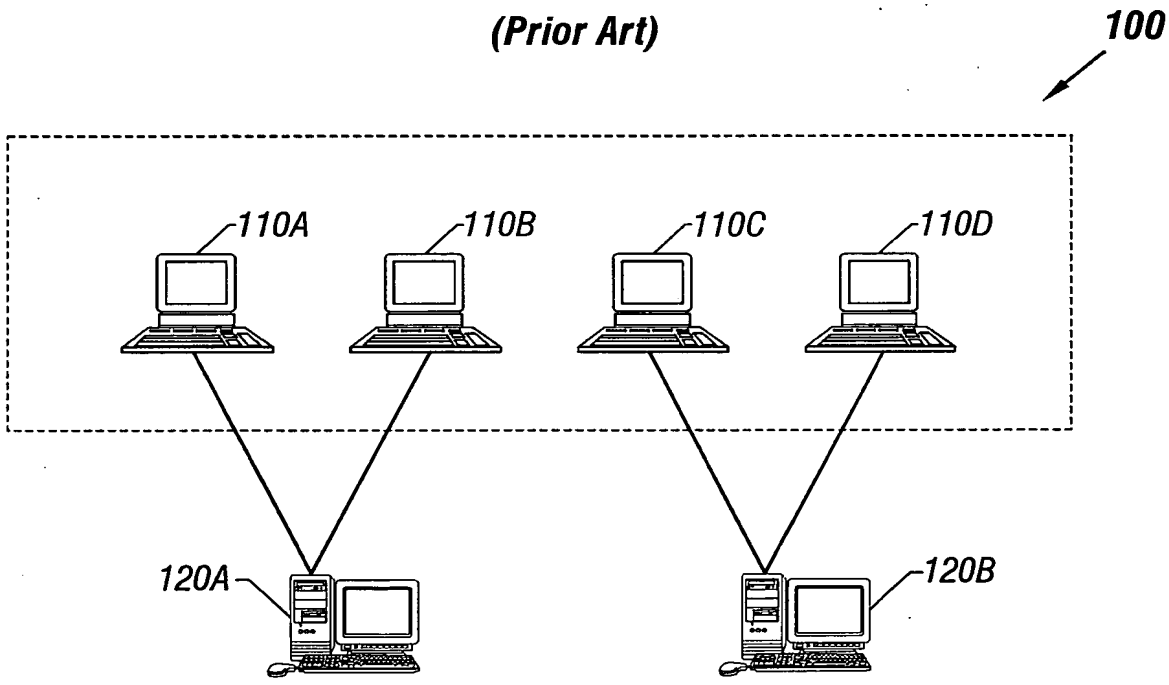


FIG. 1B
(Prior Art)

10/24/01, 1515450

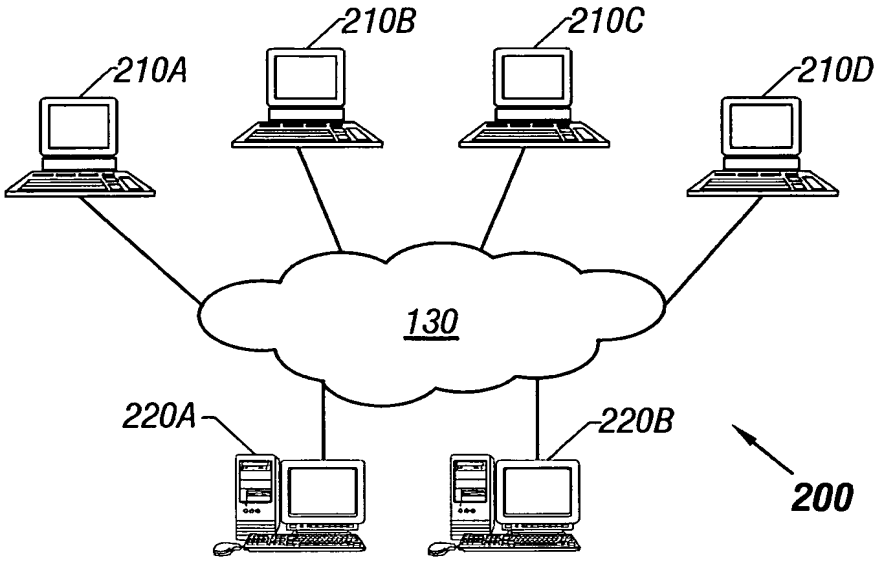


FIG. 2A

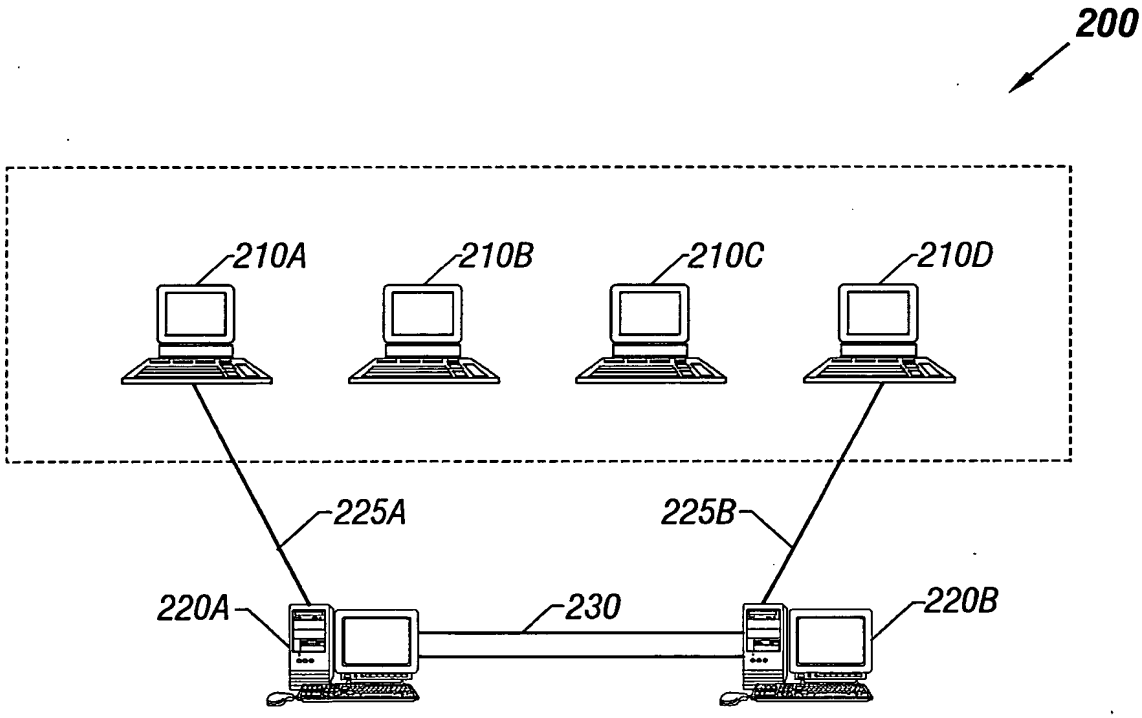


FIG. 2B

09751519 "05/25/01

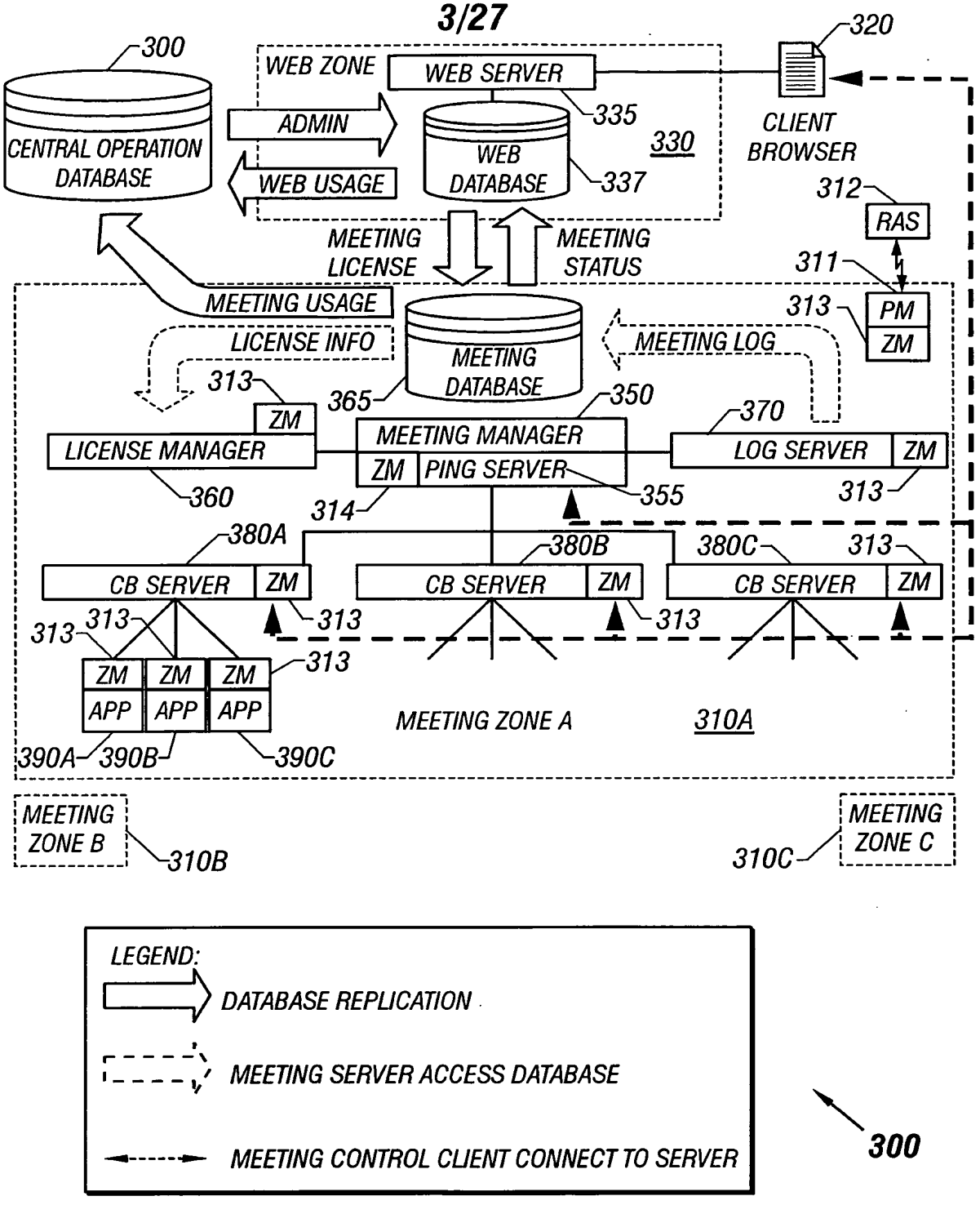


FIG. 3

10/27/03, EAST Version: 1.03.0002

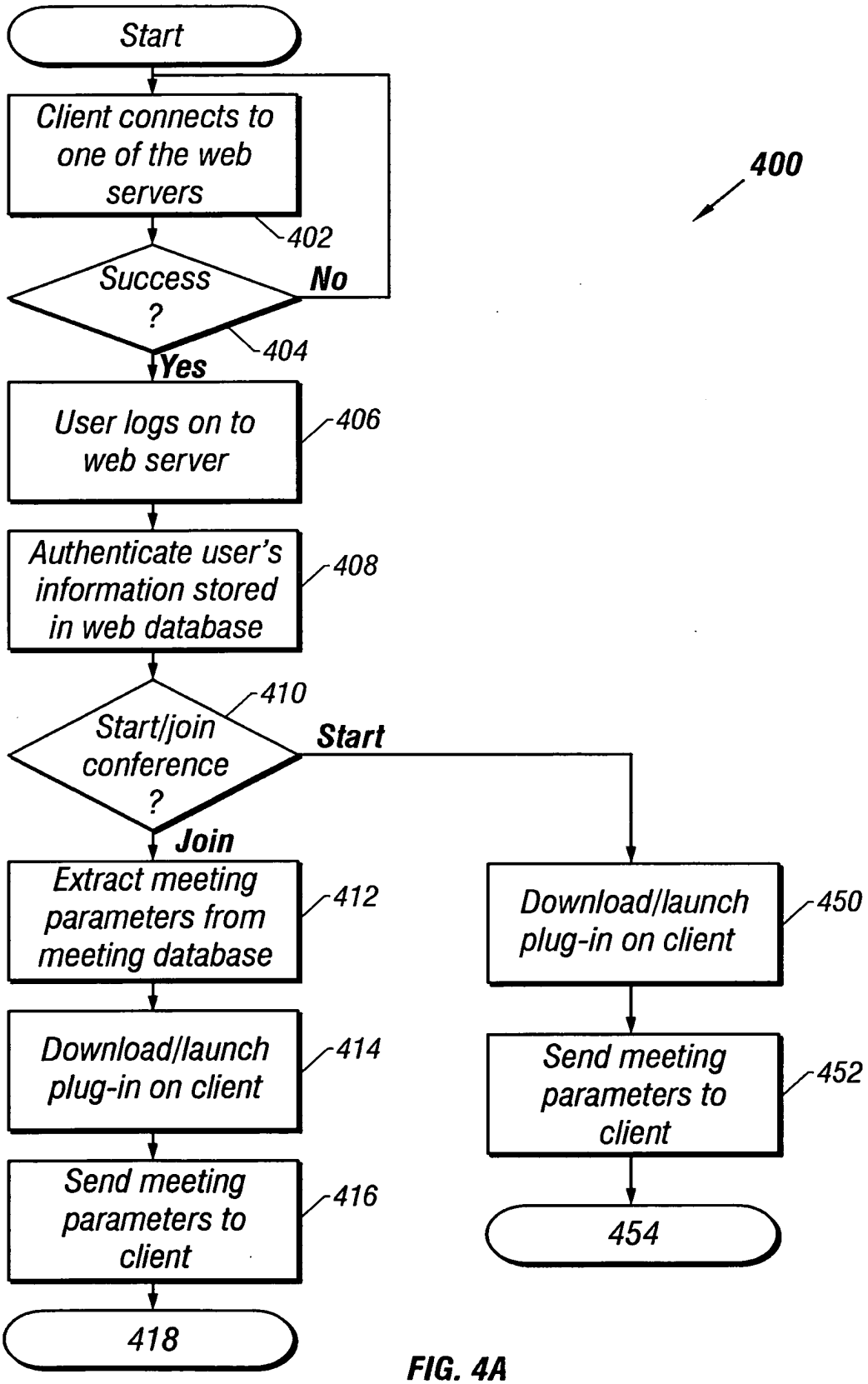


FIG. 4A

10/27/03, EAST Version: 1.4.1

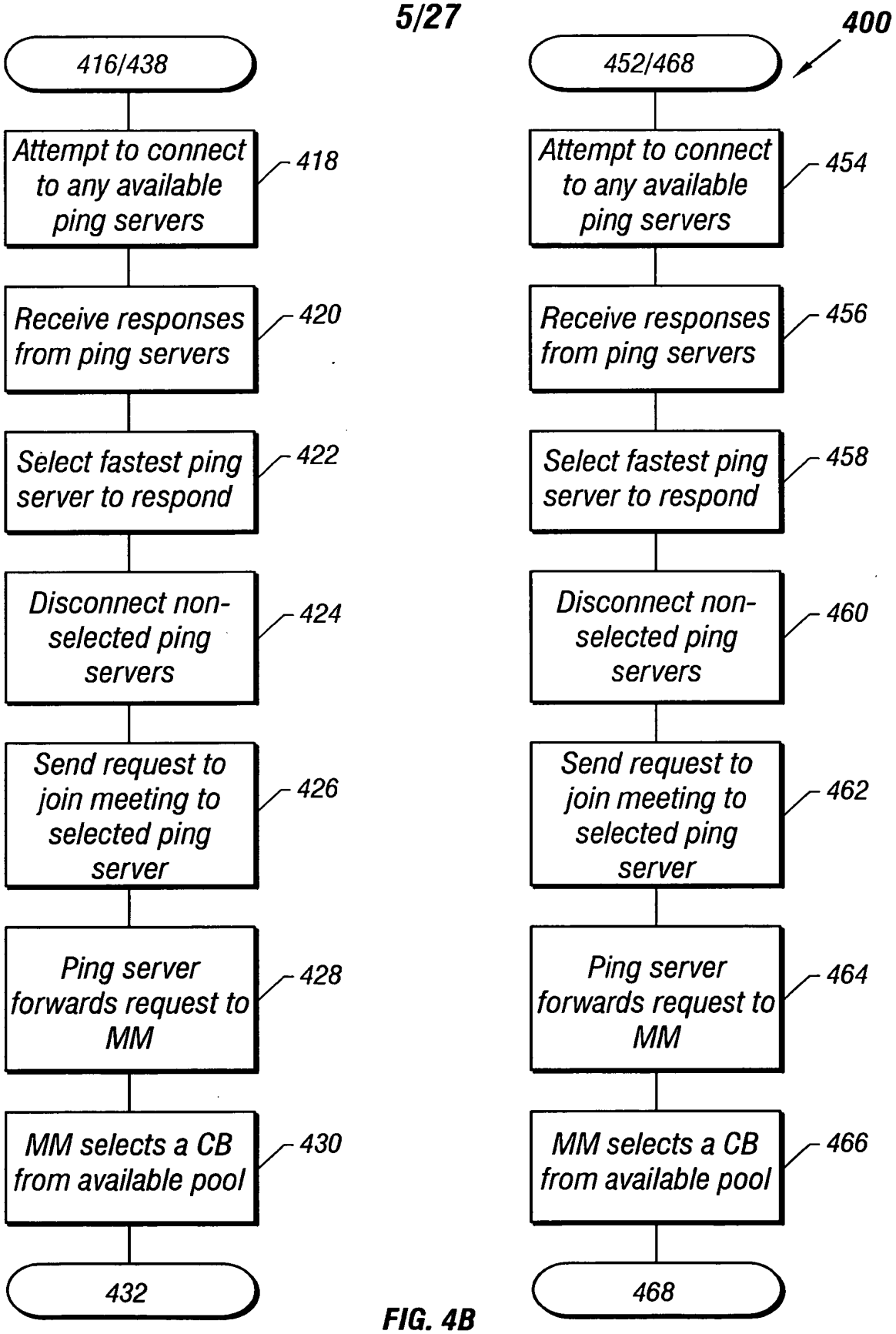


FIG. 4B

09751519 - 070201

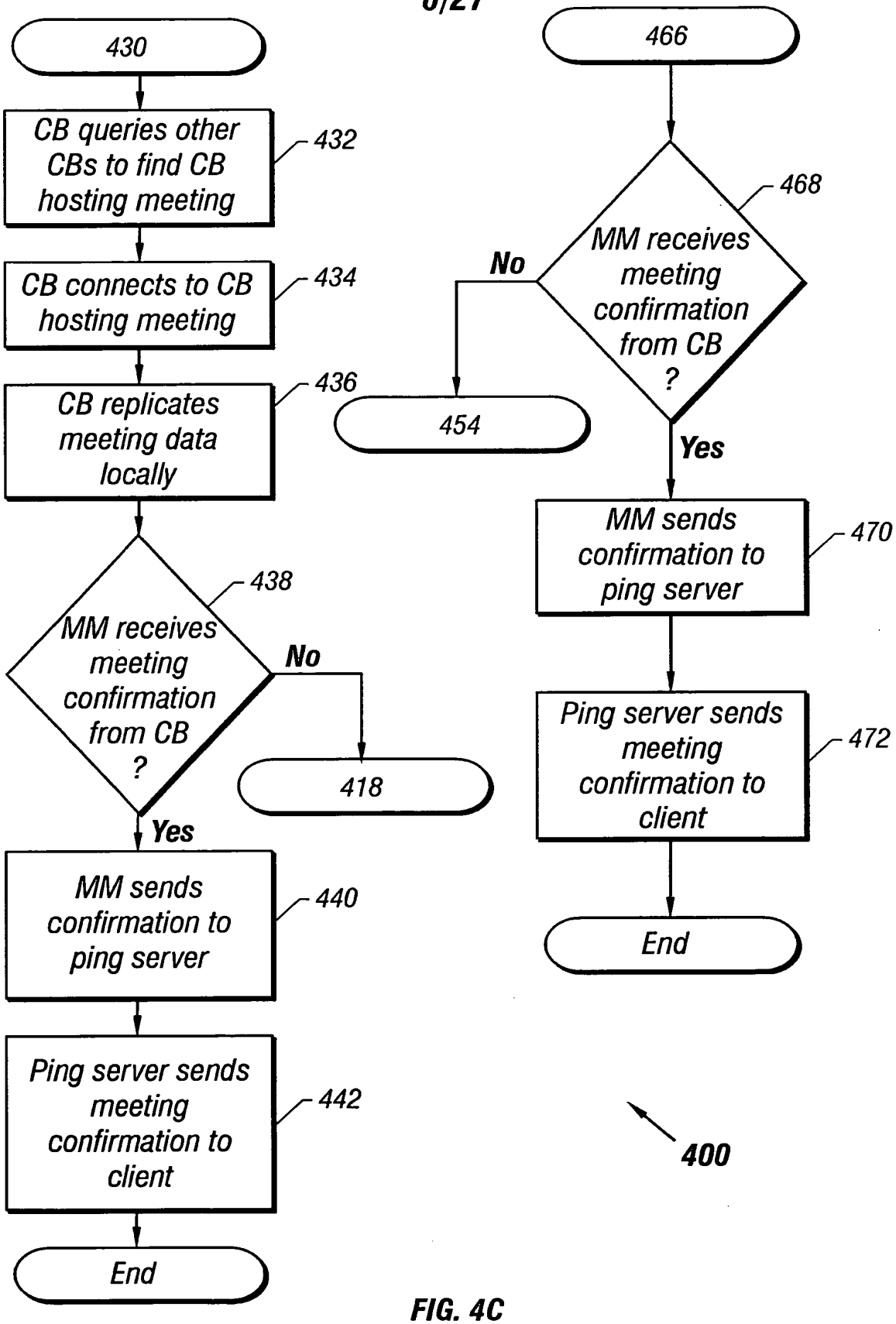


FIG. 4C

09751519 - 07/24/01

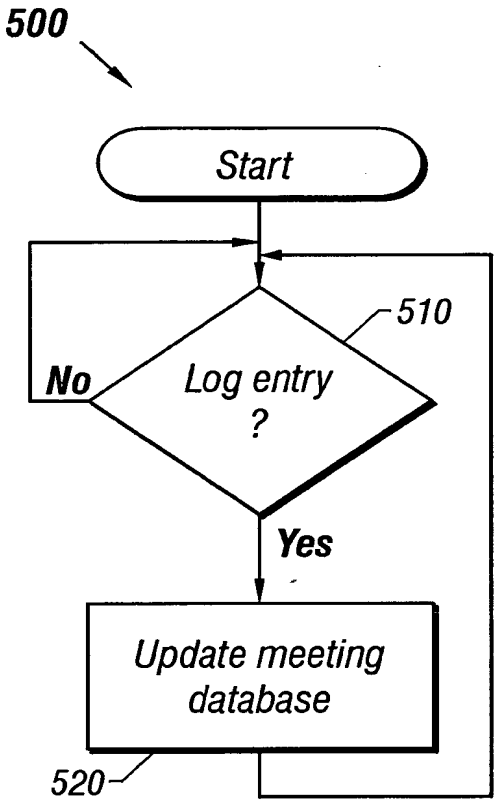


FIG. 5

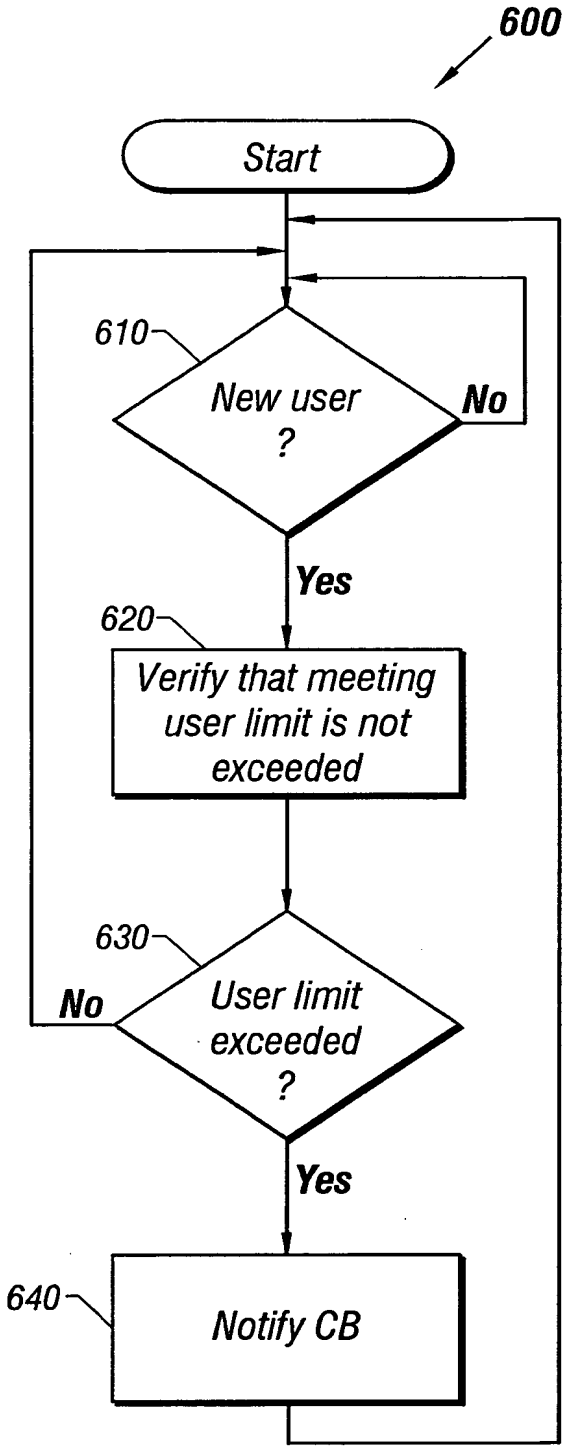


FIG. 6

EXPRESS MAIL NO. EL 627515260

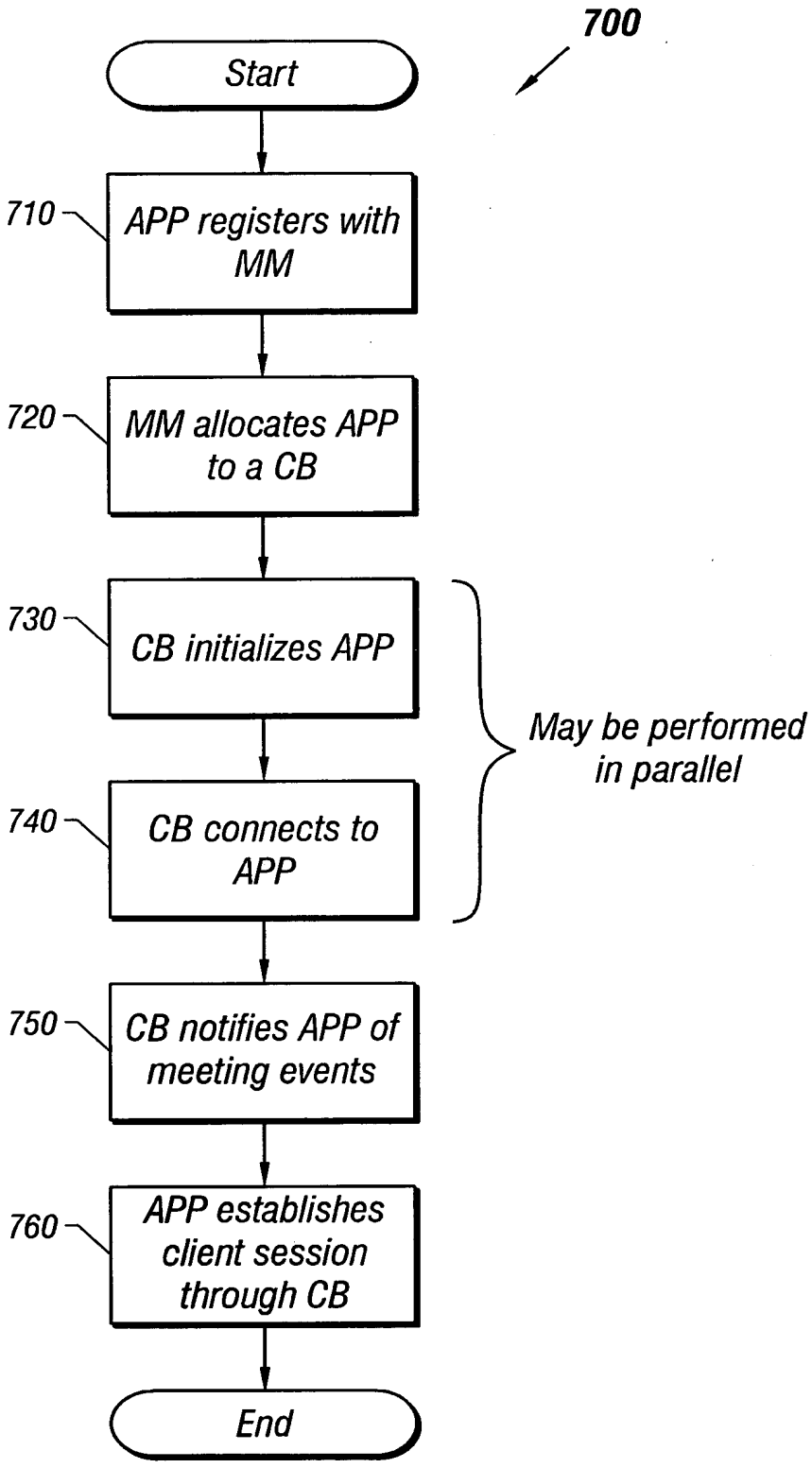


FIG. 7

09751519 "0240701"

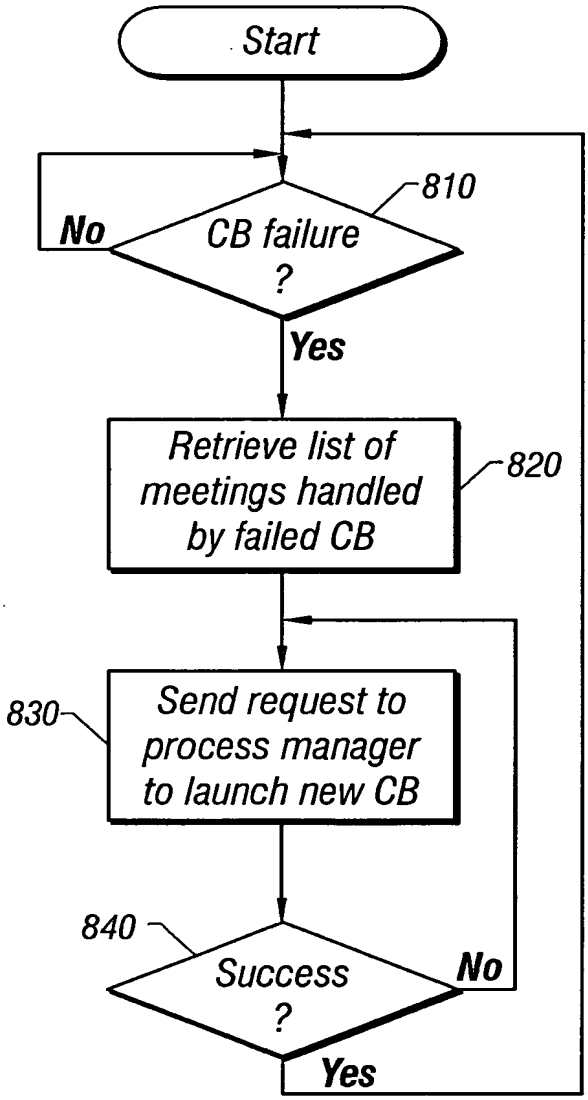
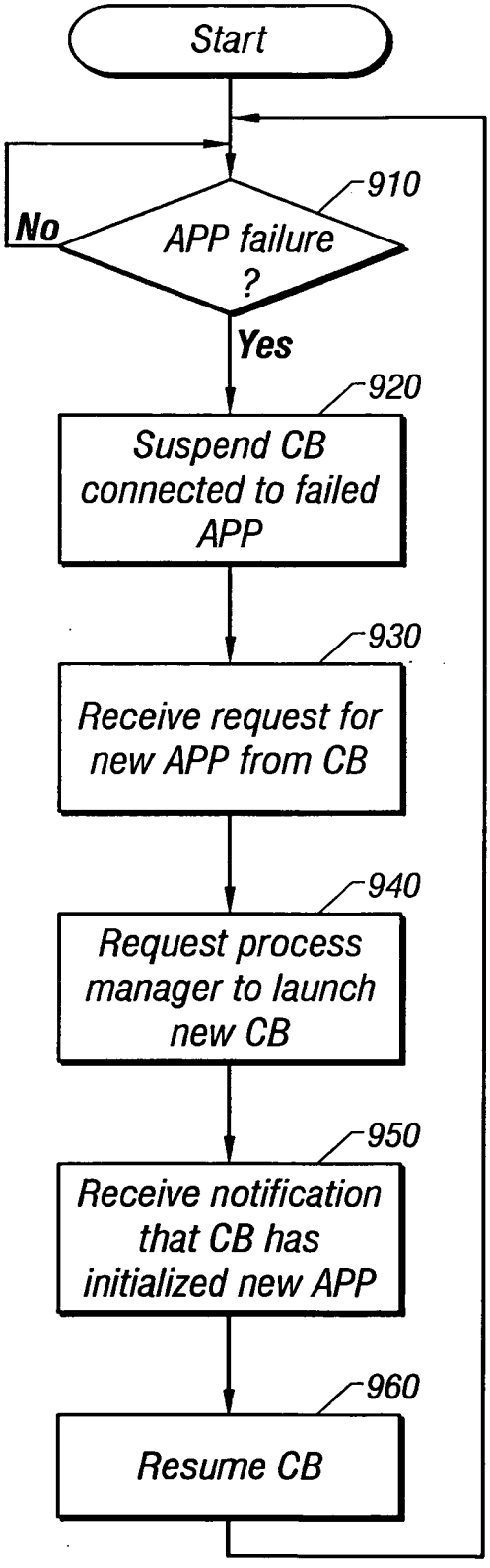


FIG. 8

800



900

FIG. 9

09751519 - 052501

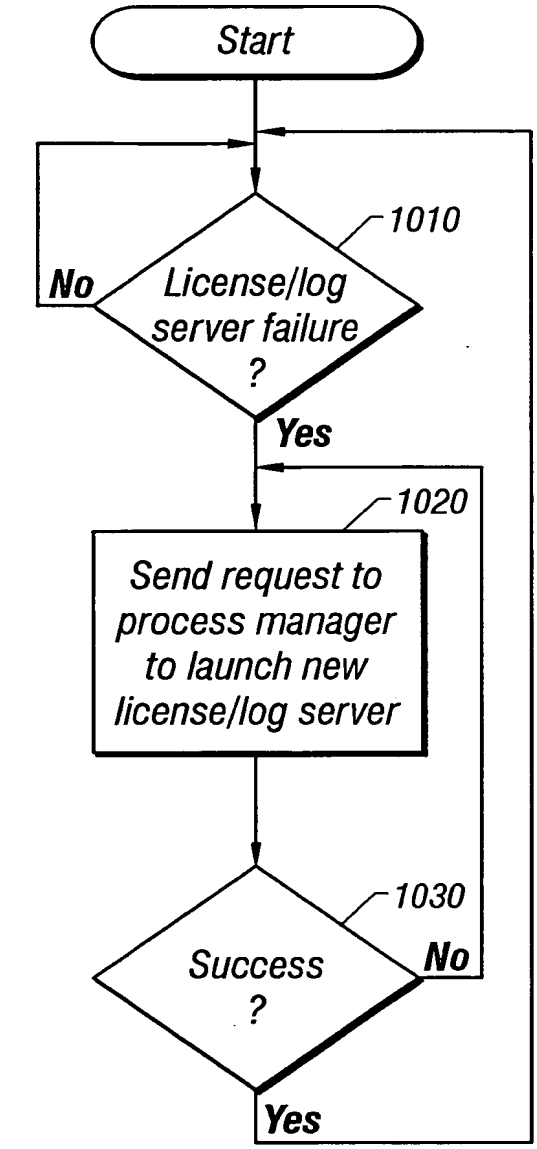


FIG. 10

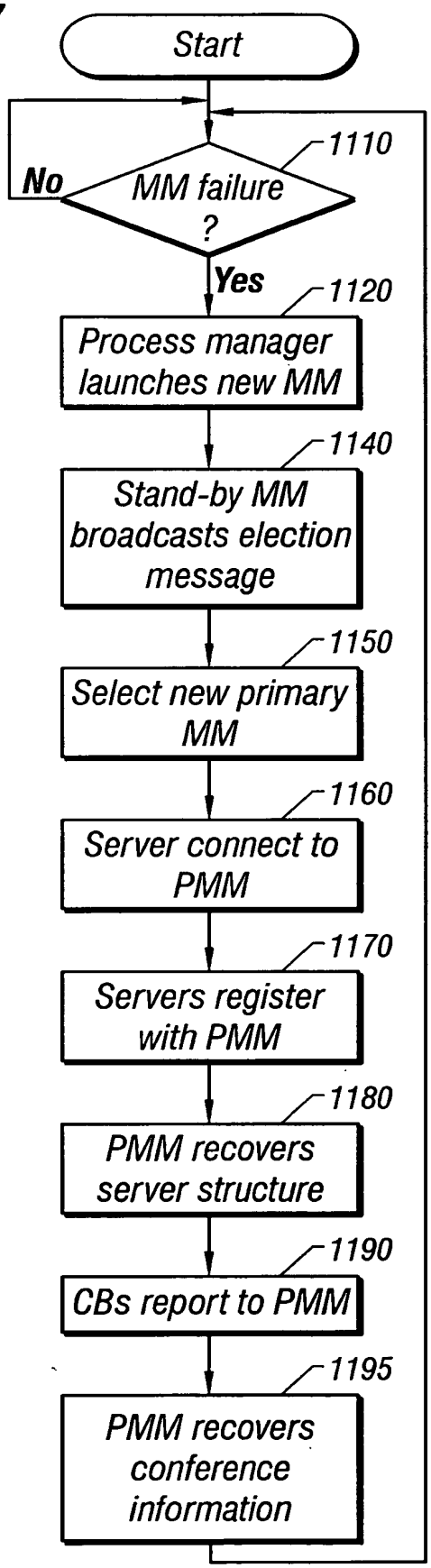


FIG. 11

10/27/01, 09751519

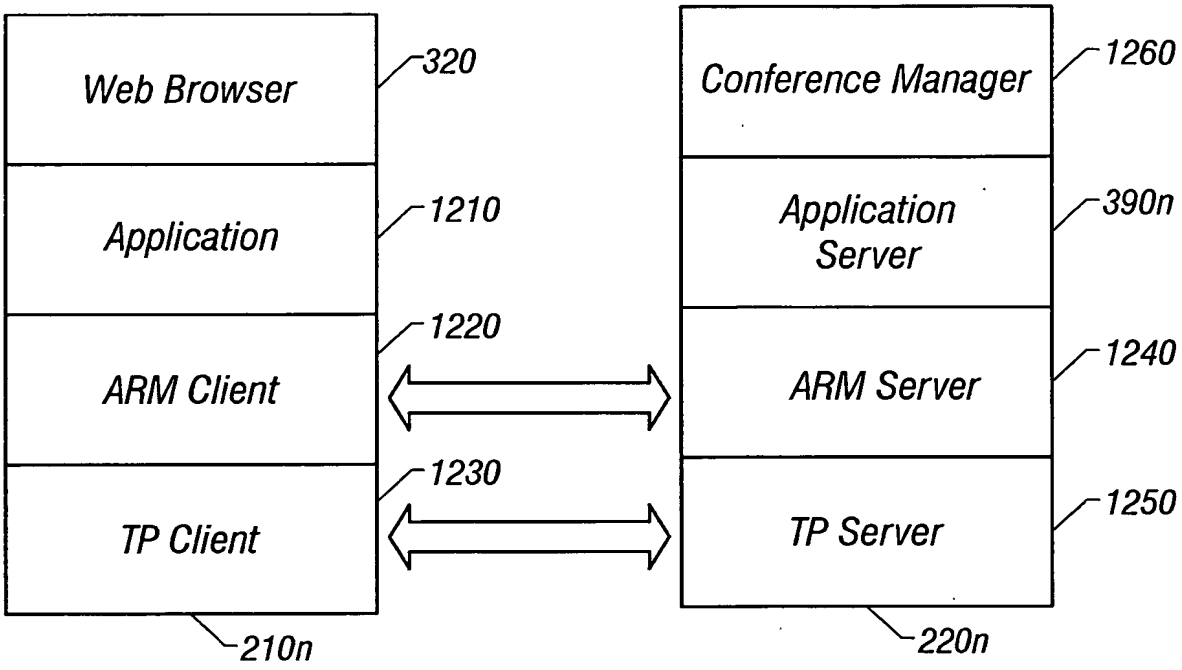


FIG. 12

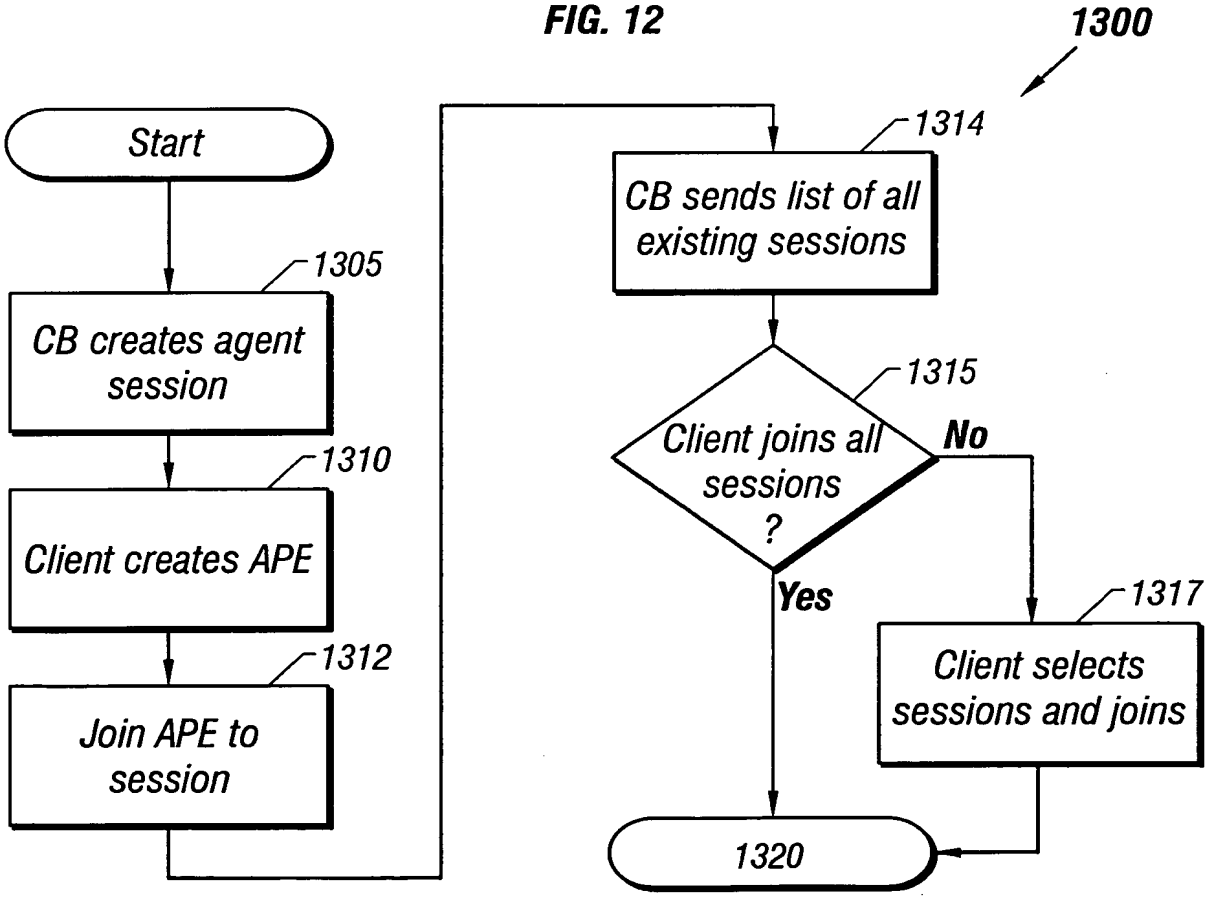


FIG. 13A

09/751,519 - 01/02/01

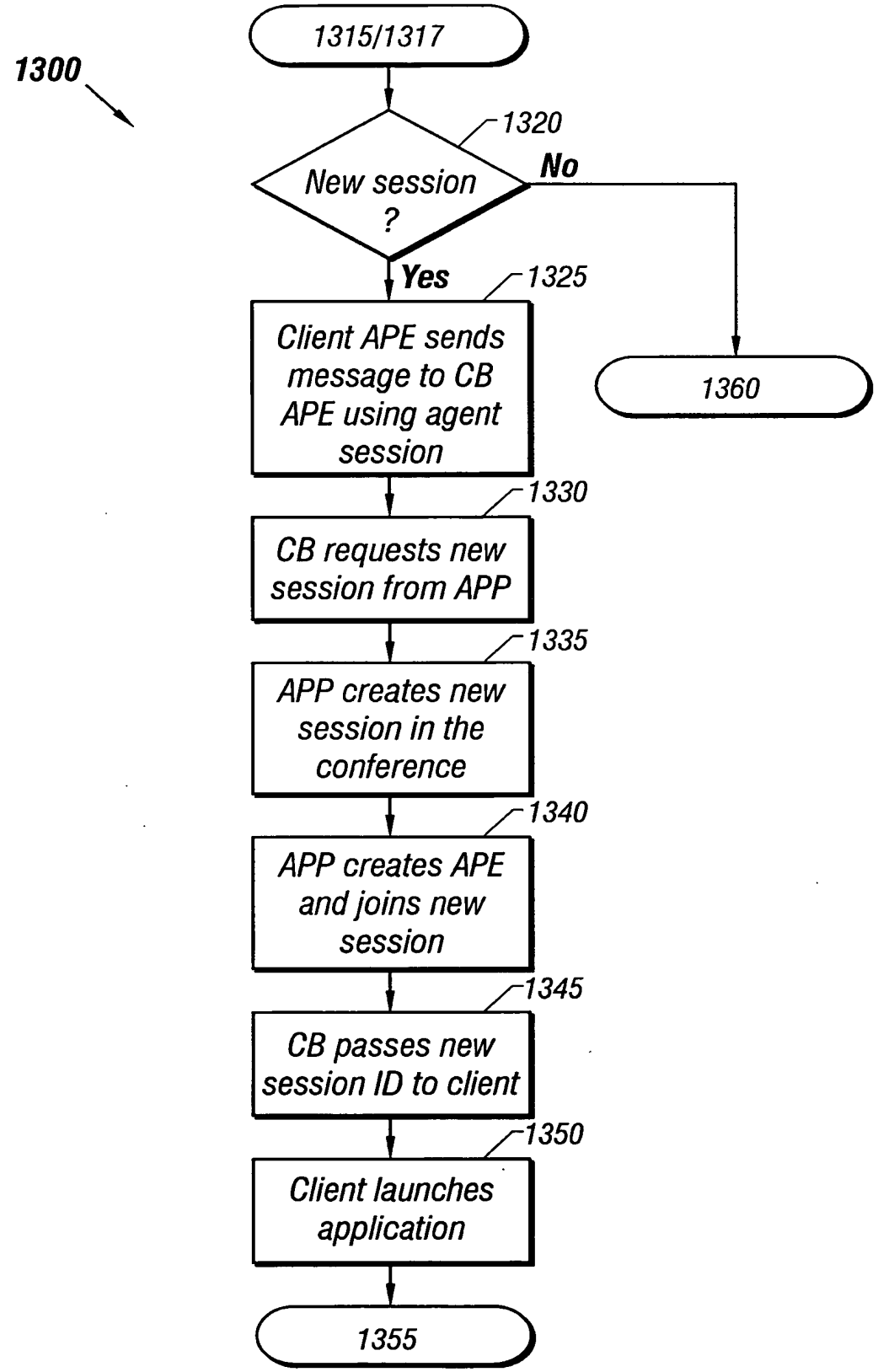


FIG. 13B

09751519 - 092701

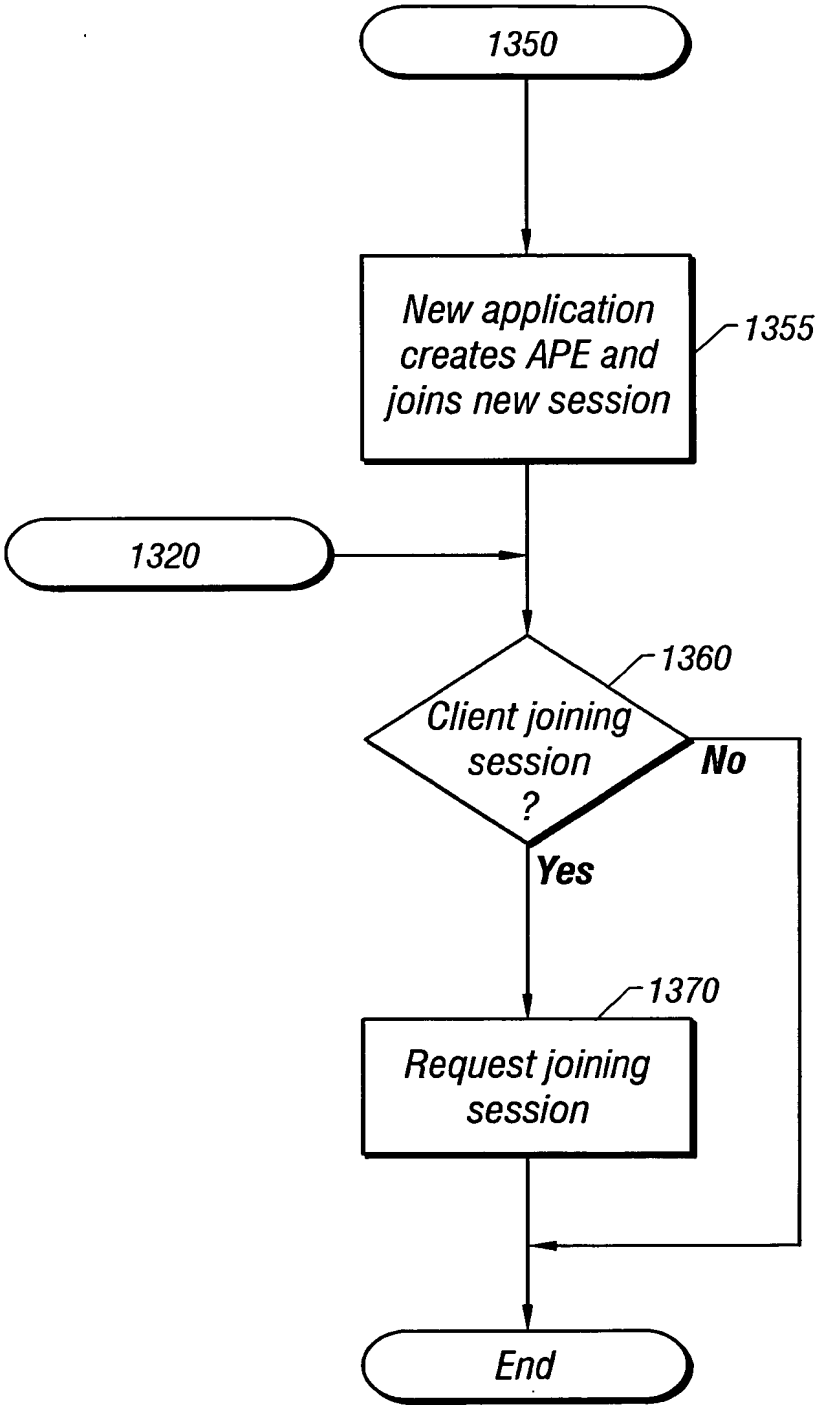


FIG. 13C

09751519 "07/27/01

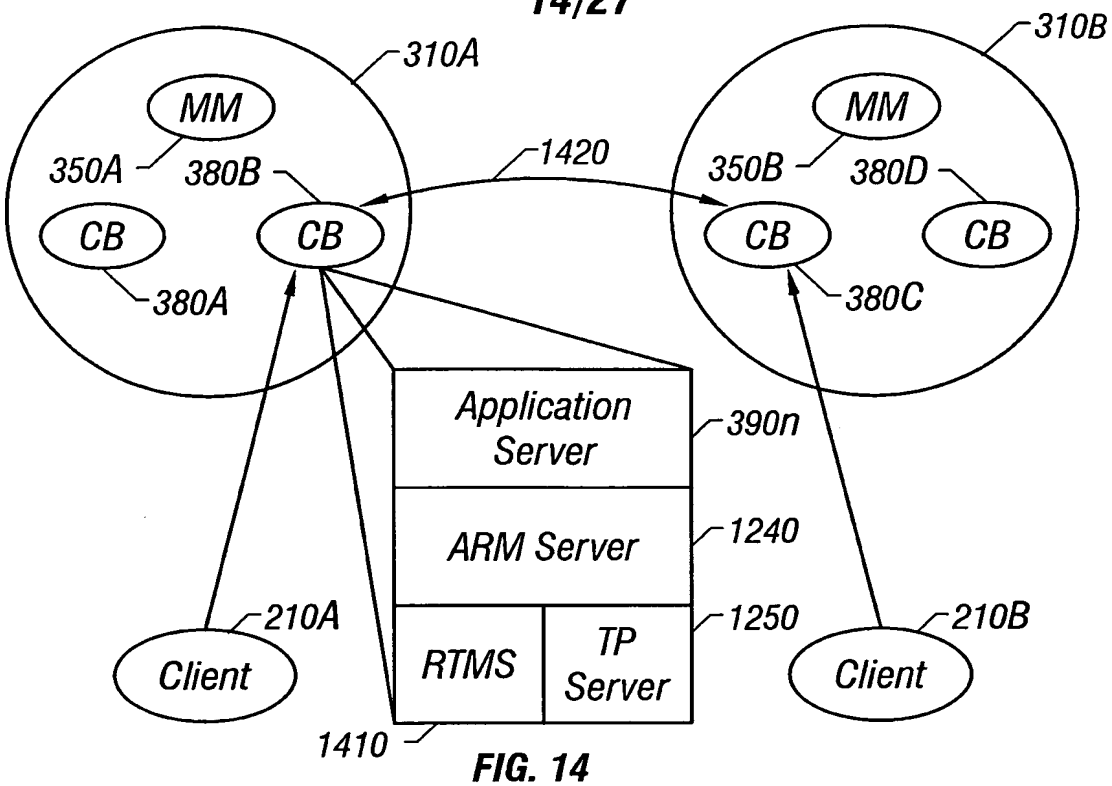


FIG. 14

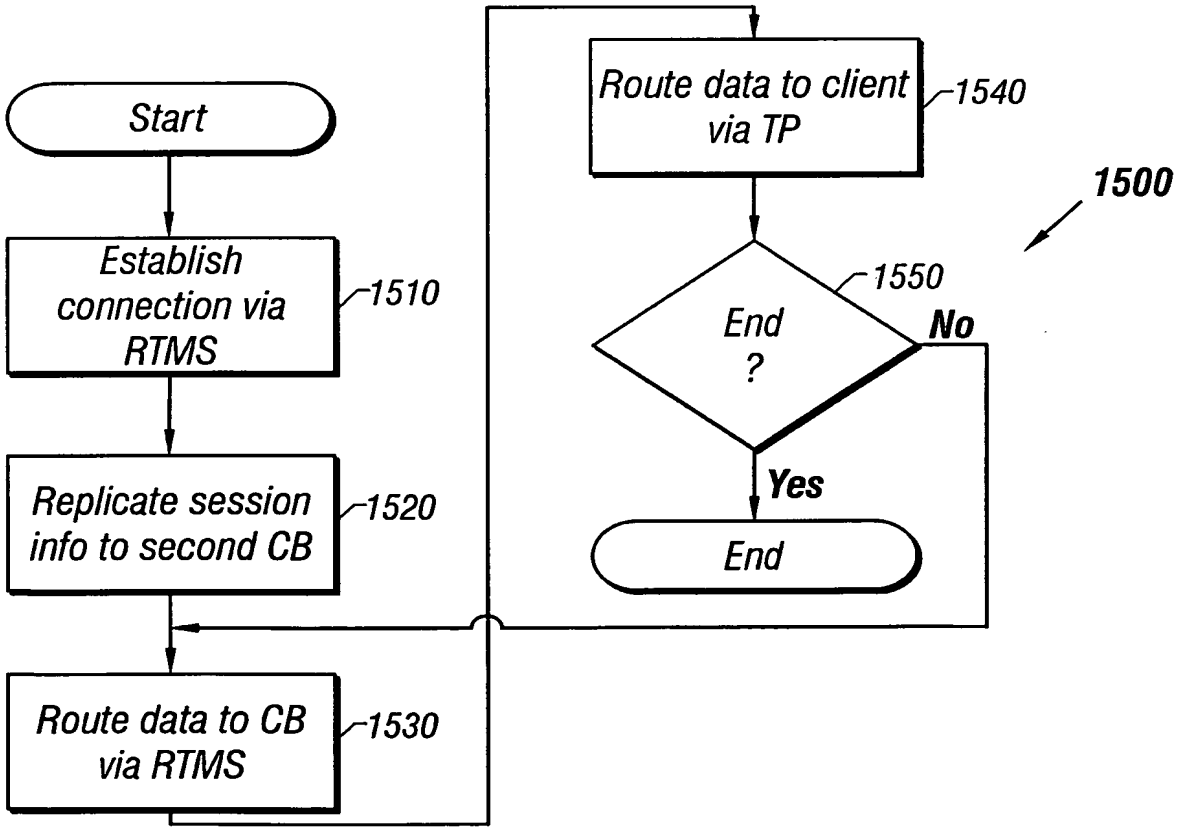


FIG. 15

09751519 - 052701

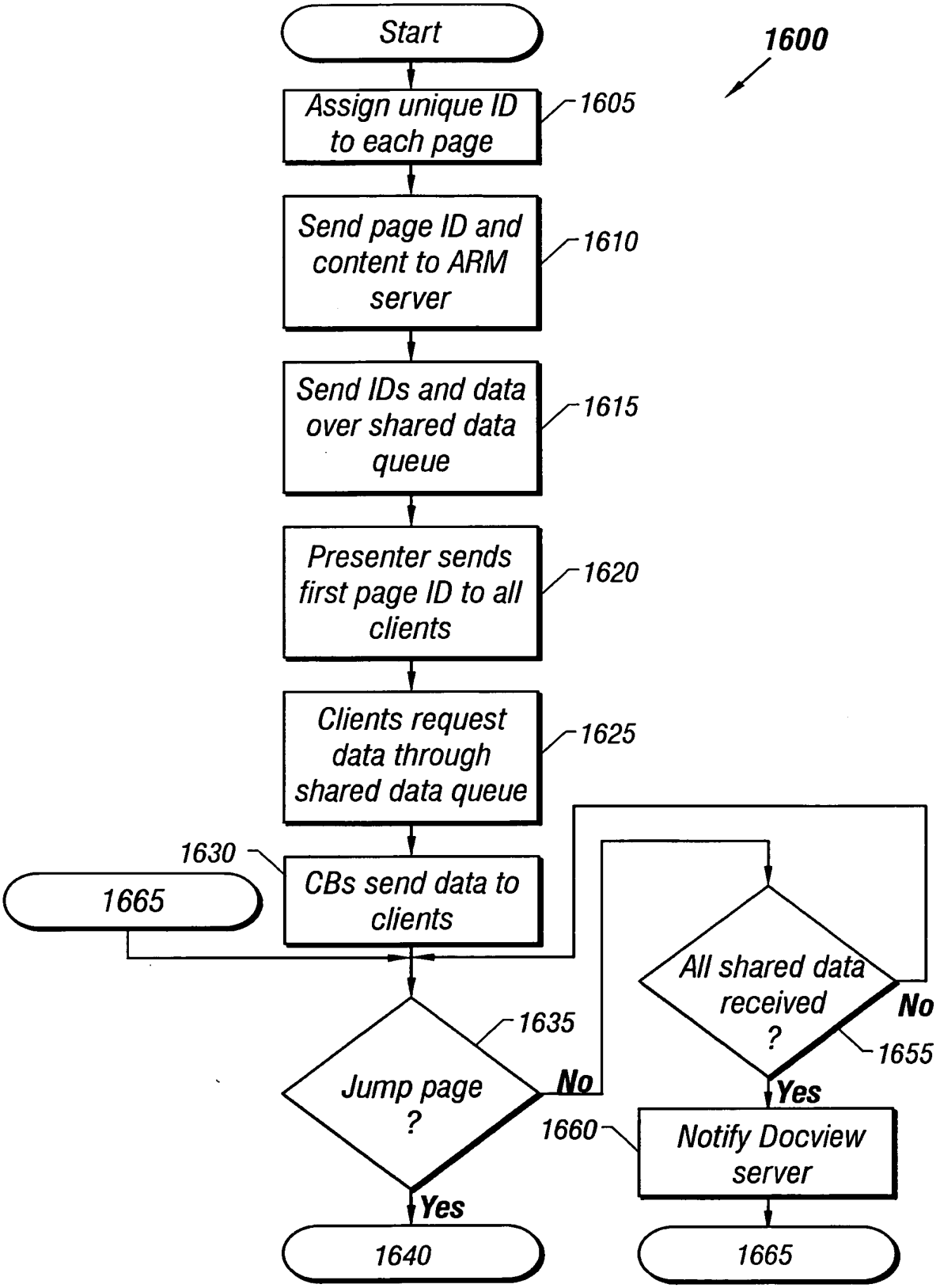


FIG. 16A

09/751,519 - 07/22/04

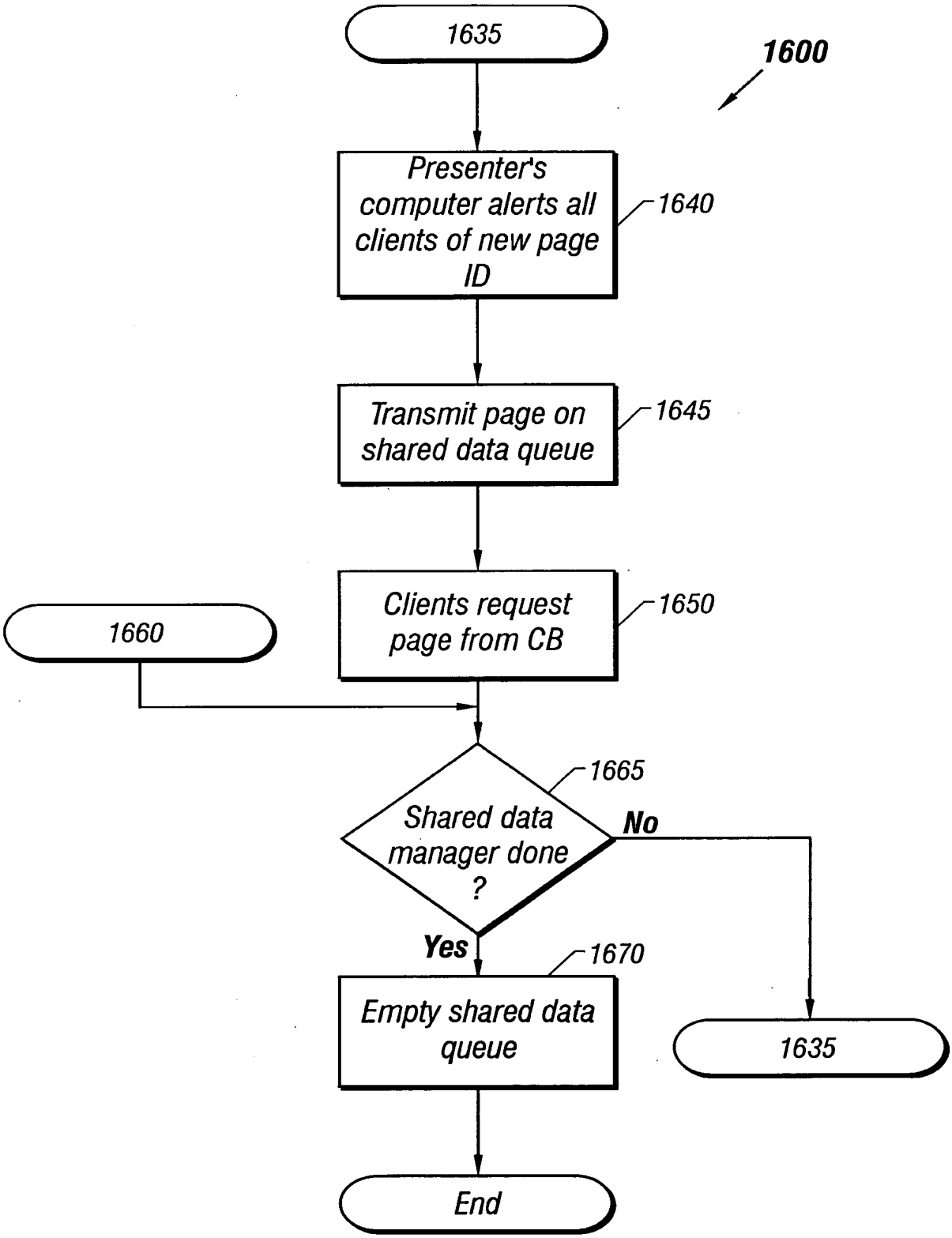

1635
1600
Presenter's computer alerts all clients of new page ID
1640
Transmit page on shared data queue
1645
Clients request page from CB
1650
1660
1665
Shared data manager done ?
No
Yes
1670
Empty shared data queue
1635
End

FIG. 16B

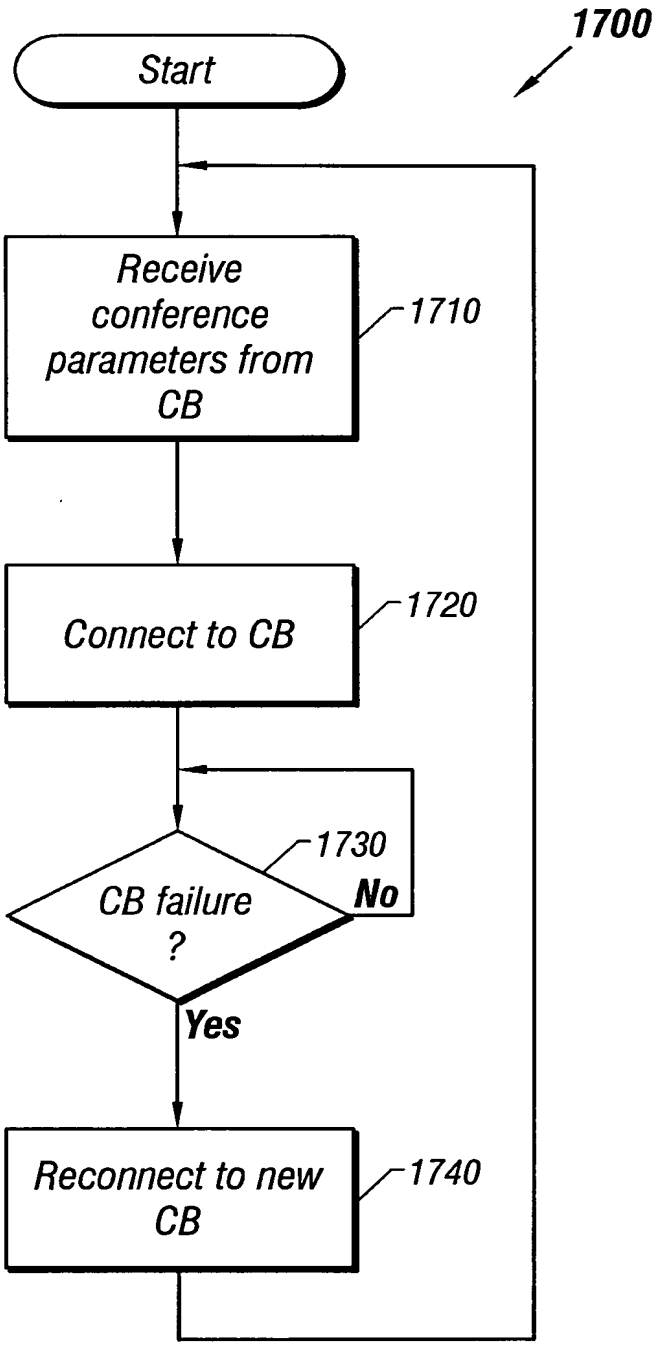


FIG. 17

09/751,519 - 12/27/2001

Title of Invention: Fault-Tolerant Server For Collaborative Computing
Docket No.: M-8862 US Inventors: Min Zhu, et al.
Serial No. 09/751,519

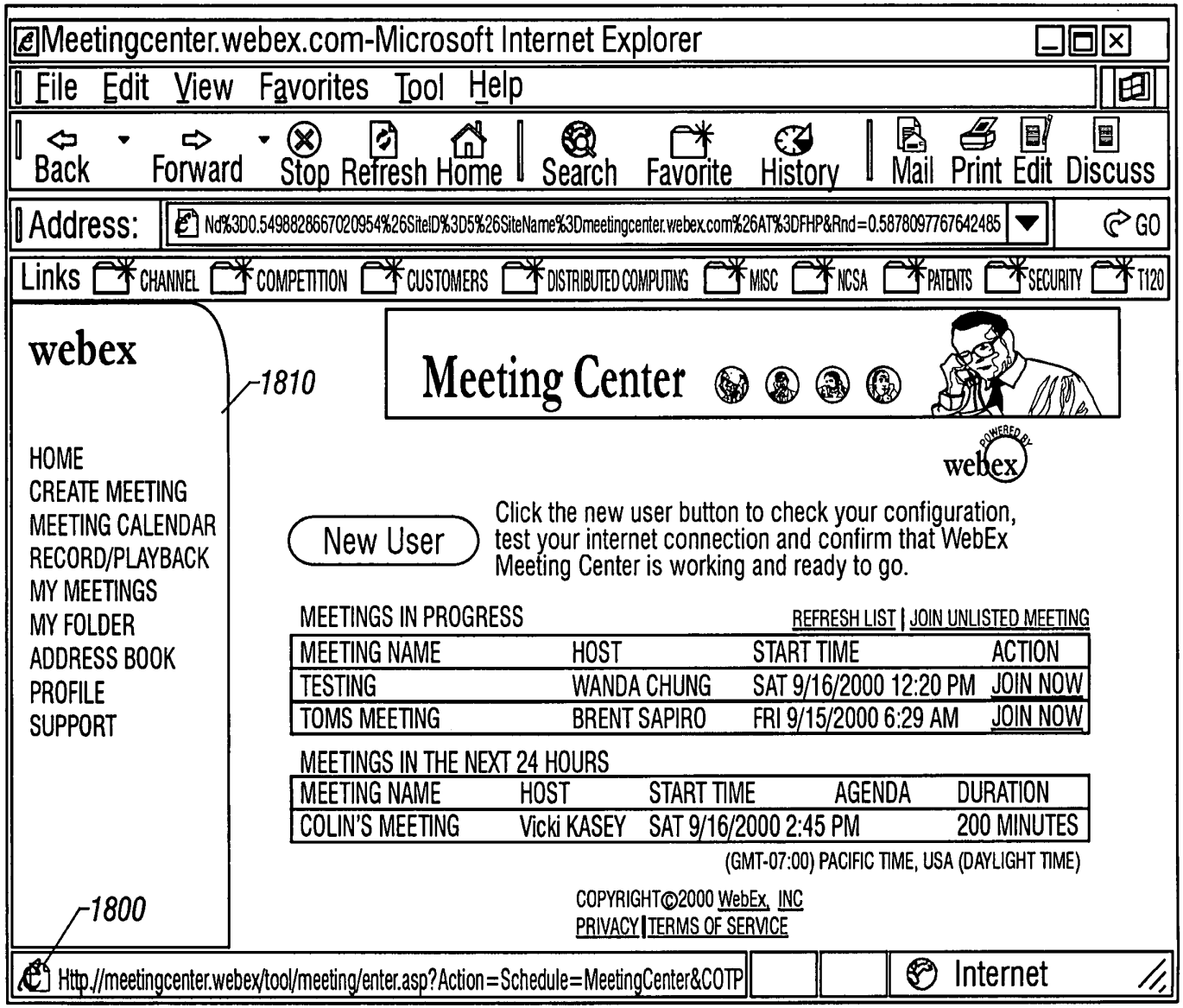


FIG. 18A

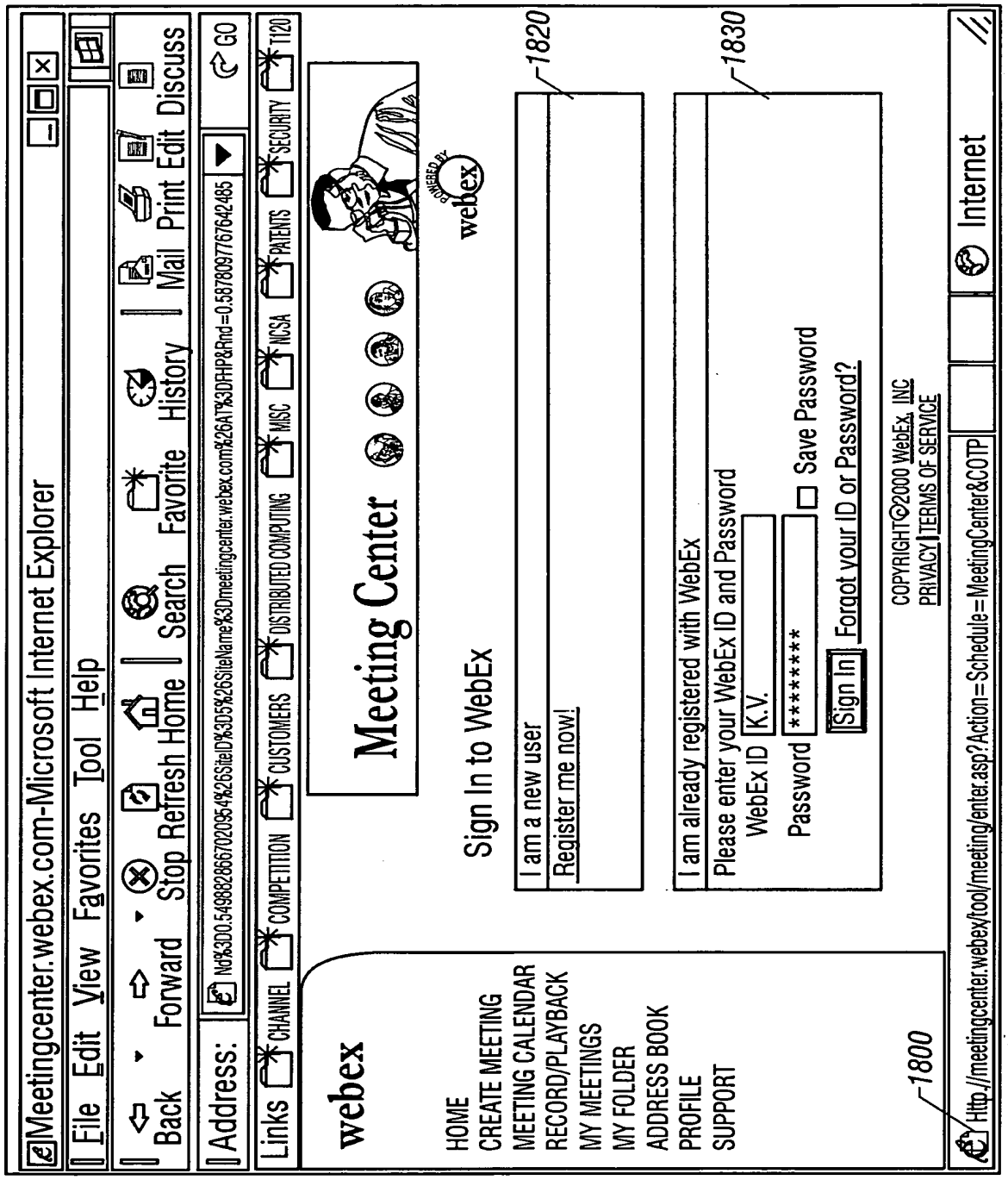

Meetingcenter.webex.com-Microsoft Internet Explorer
File Edit View Favorites Tool Help
Back Forward Stop Refresh Home Search Favorite History Mail Print Edit Discuss
Address:
GO
Links CHANNEL COMPETITION CUSTOMERS DISTRIBUTED COMPUTING MISC NCSA PATENTS SECURITY T120
webex
HOME
CREATE MEETING
MEETING CALENDAR
RECORD/PLAYBACK
MY MEETINGS
MY FOLDER
ADDRESS BOOK
PROFILE
SUPPORT
1800
Meeting Center
POWERED BY webex
Sign In to WebEx
I am a new user
Register me now!
1820
I am already registered with WebEx
Please enter your WebEx ID and Password
WebEx ID K.V.
Password ********
Save Password
Sign In
Forgot your ID or Password?
1830
COPYRIGHT©2000 WebEx INC
PRIVACY | TERMS OF SERVICE
Http://meetingcenter.webex/tool/meeting/enter.asp?Action=Schedule=MeetingCenter&COTP
Internet

FIG. 18B

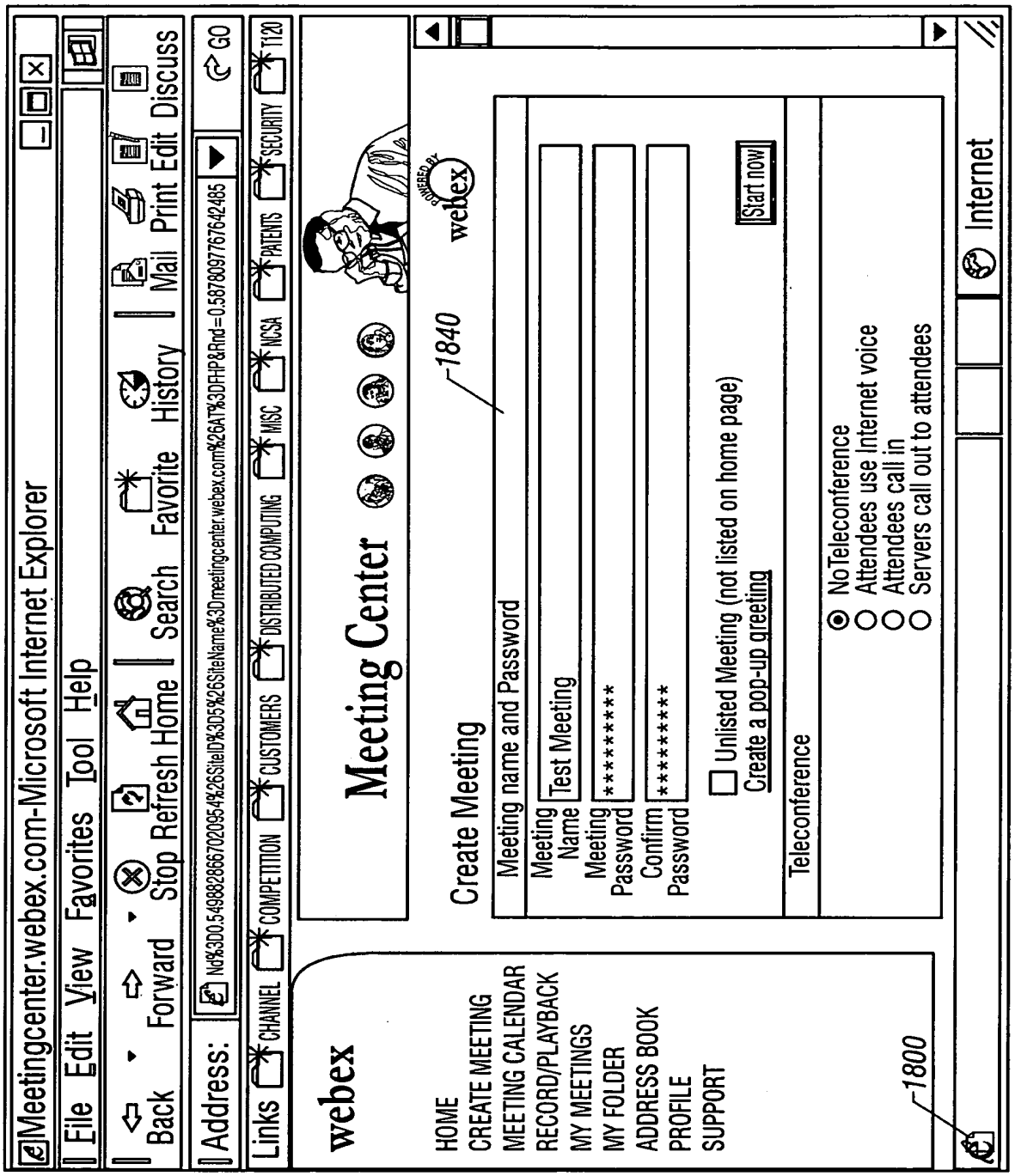
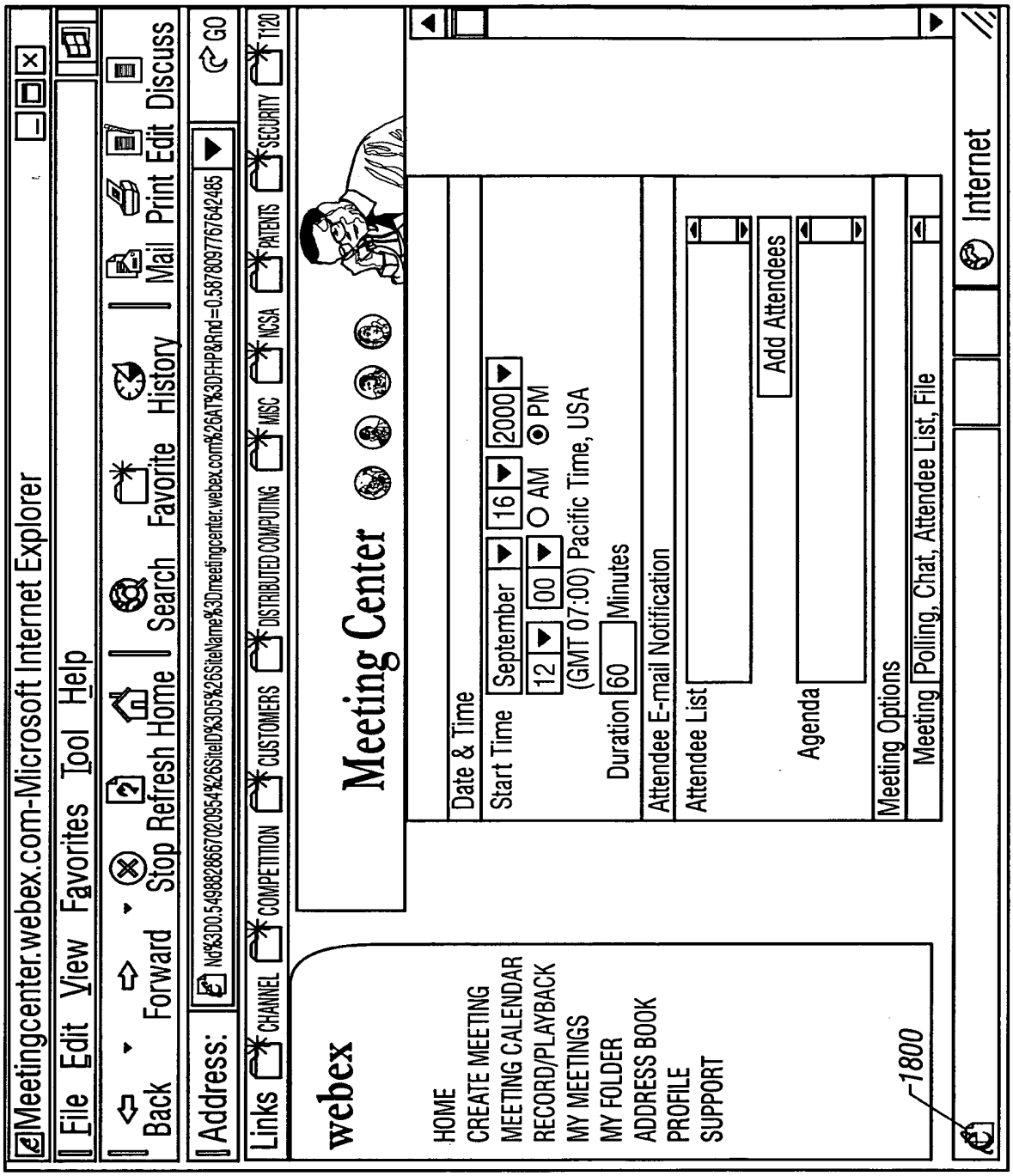

Meetingcenter.webex.com-Microsoft Internet Explorer
File Edit View Favorites Tool Help
Back Forward Stop Refresh Home Search Favorite History Mail Print Edit Discuss
Address:
GO
Links CHANNEL COMPETITION CUSTOMERS DISTRIBUTED COMPUTING MISC NCSA PATENTS SECURITY T120
webex
HOME
CREATE MEETING
MEETING CALENDAR
RECORD/PLAYBACK
MY MEETINGS
MY FOLDER
ADDRESS BOOK
PROFILE
SUPPORT
1800
Meeting Center
1840
webex
Create Meeting
Meeting name and Password
Meeting Name
Test Meeting
Meeting Password
Confirm Password
Unlisted Meeting (not listed on home page)
Create a pop-up greeting
Start now!
Teleconference
NoTeleconference
Attendees use Internet voice
Attendees call in
Servers call out to attendees
Internet

FIG. 18C1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File Edit View Favorites Tool Help
Back Forward Stop Refresh Home Search Favorite History Mail Print Edit Discuss
Address:
GO
Links
CHANNEL
COMPETITION
CUSTOMERS
DISTRIBUTED COMPUTING
MISC
NCSA
PATENTS
SECURITY
T120
webex
HOME
CREATE MEETING
MEETING CALENDAR
RECORD/PLAYBACK
MY MEETINGS
MY FOLDER
ADDRESS BOOK
PROFILE
SUPPORT
1800
Meeting Center
Date & Time
Start Time
September
16
2000
12
00
AM
PM
(GMT 07:00) Pacific Time, USA
Duration
60
Minutes
Attendee E-mail Notification
Attendee List
Add Attendees
Agenda
Meeting Options
Meeting
Polling, Chat, Attendee List, File
Internet

FIG. 18C2

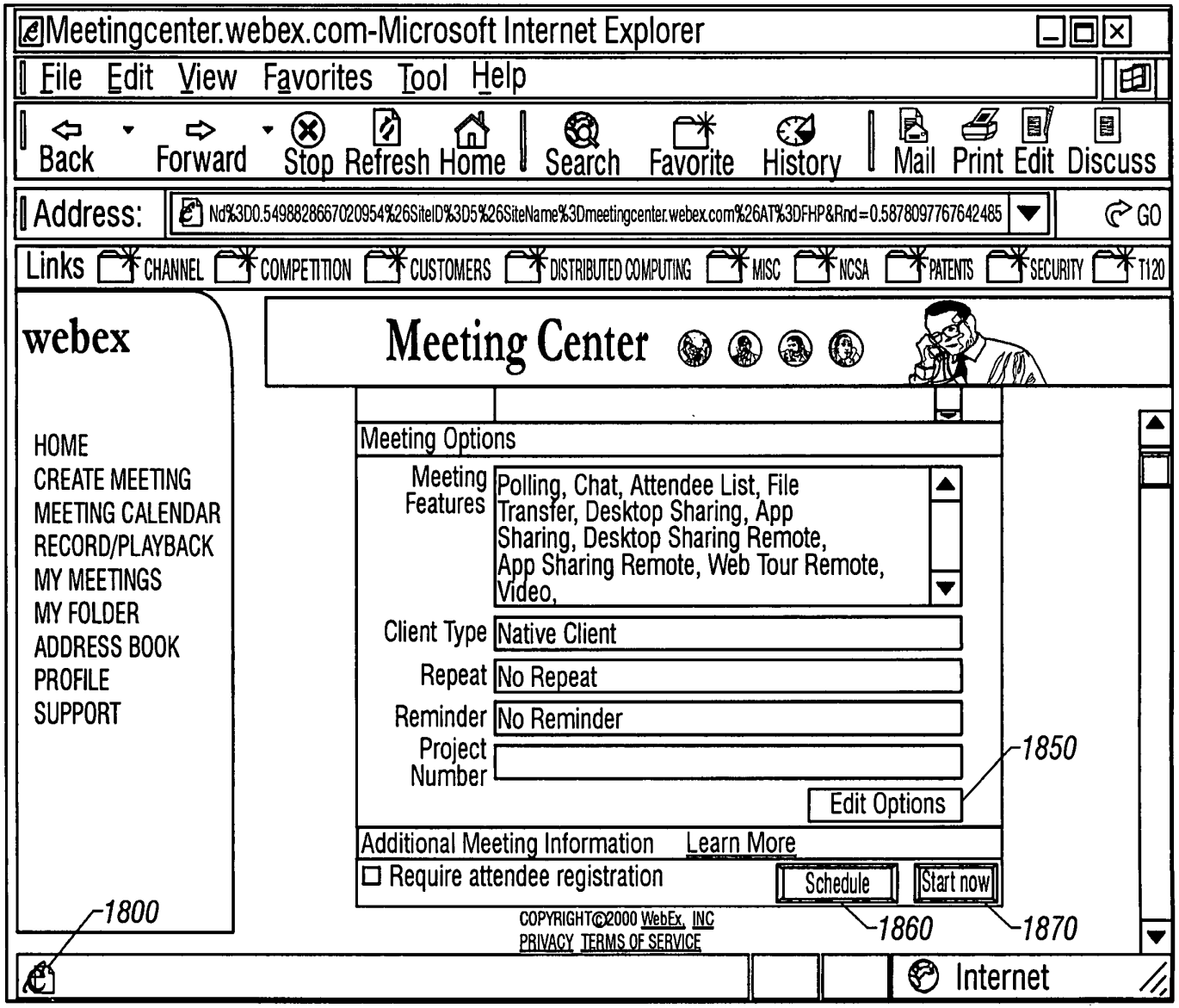

FIG. 18C3

Title of Invention: Fault-Tolerant Server For Collaborative Computing
Docket No.: M-8862 US Inventors: Min Zhu, et al.
Serial No. 09/751,519

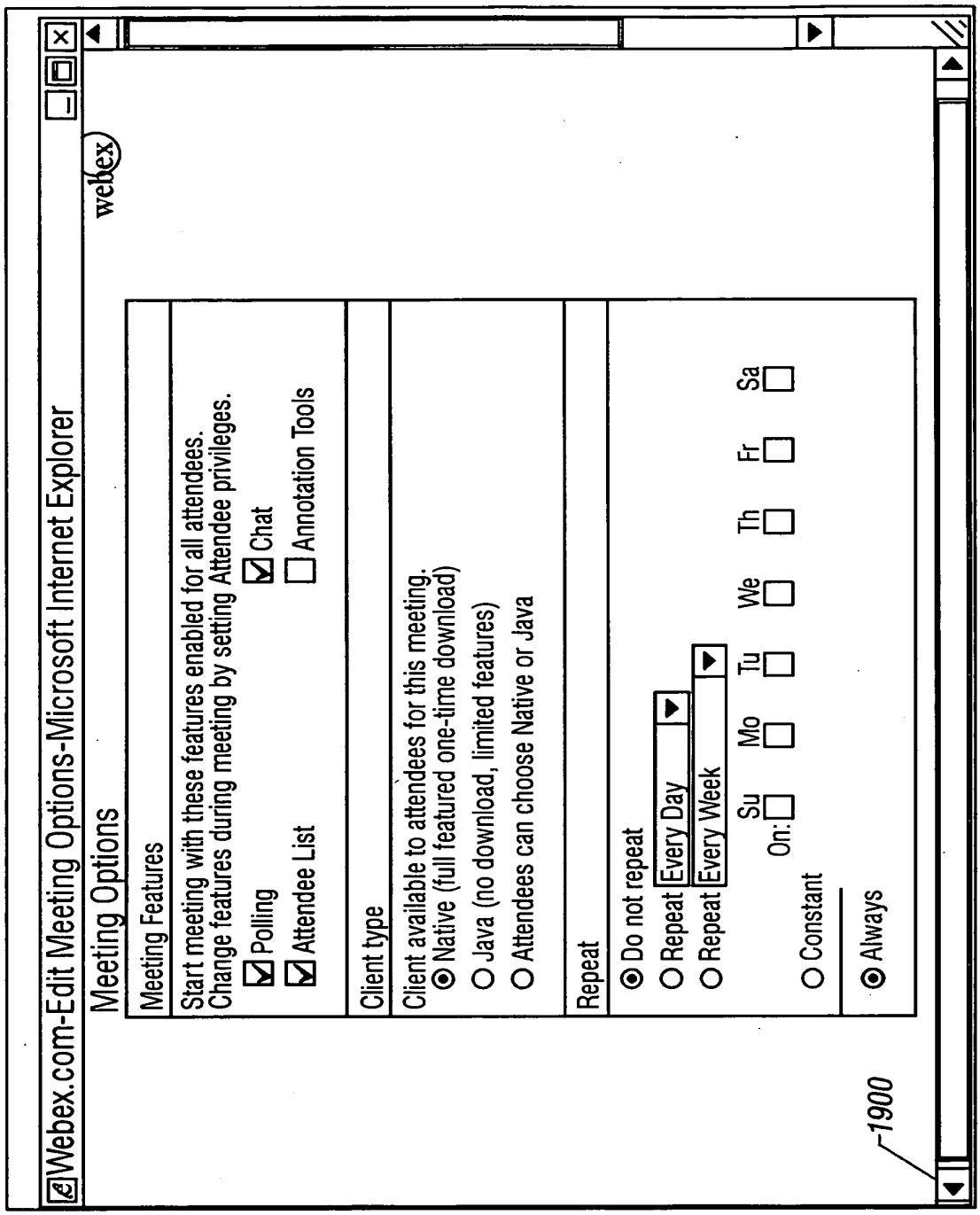

FIG. 19A

TO/20" 09751519

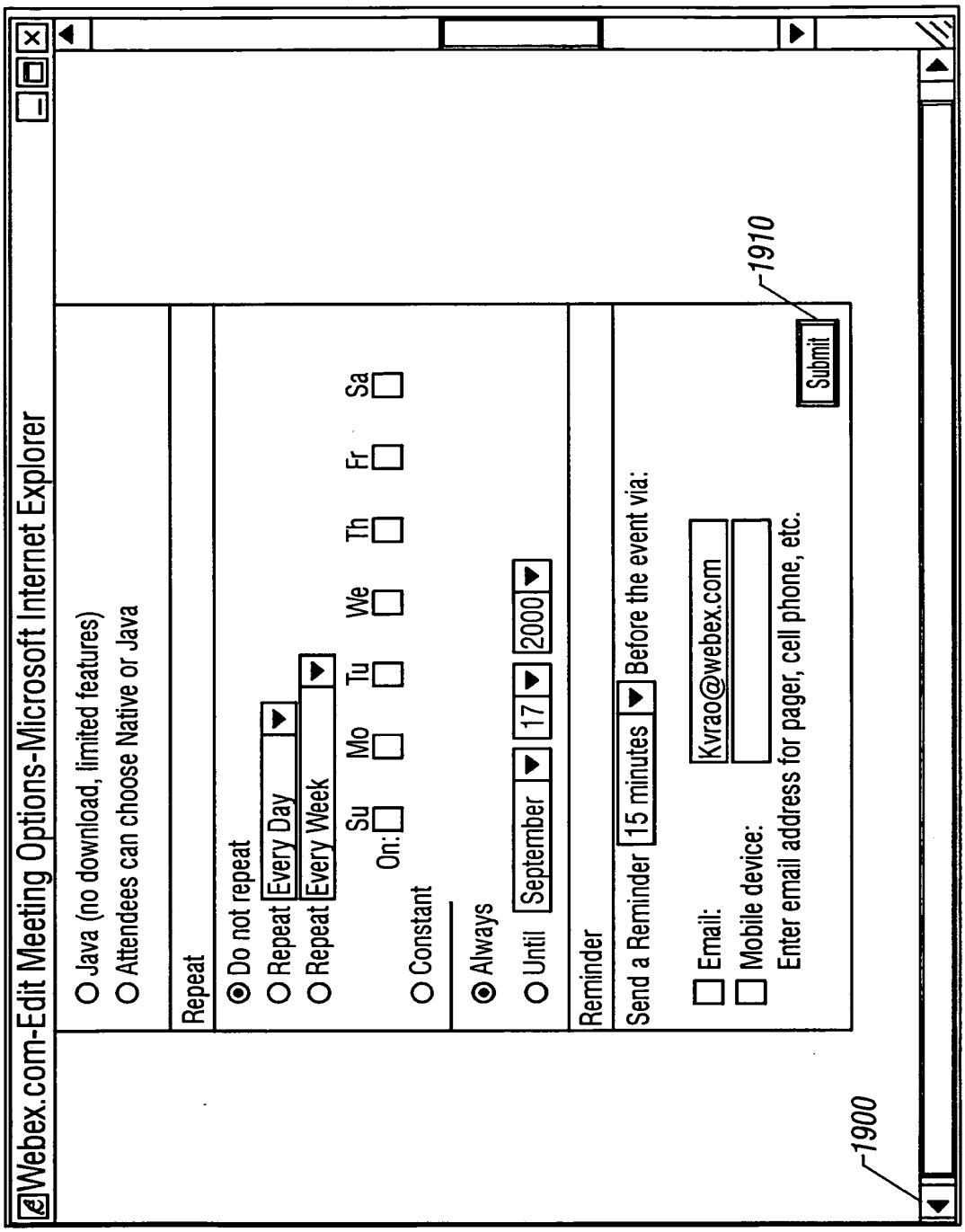

FIG. 19B

TO 2740 "6T5T250

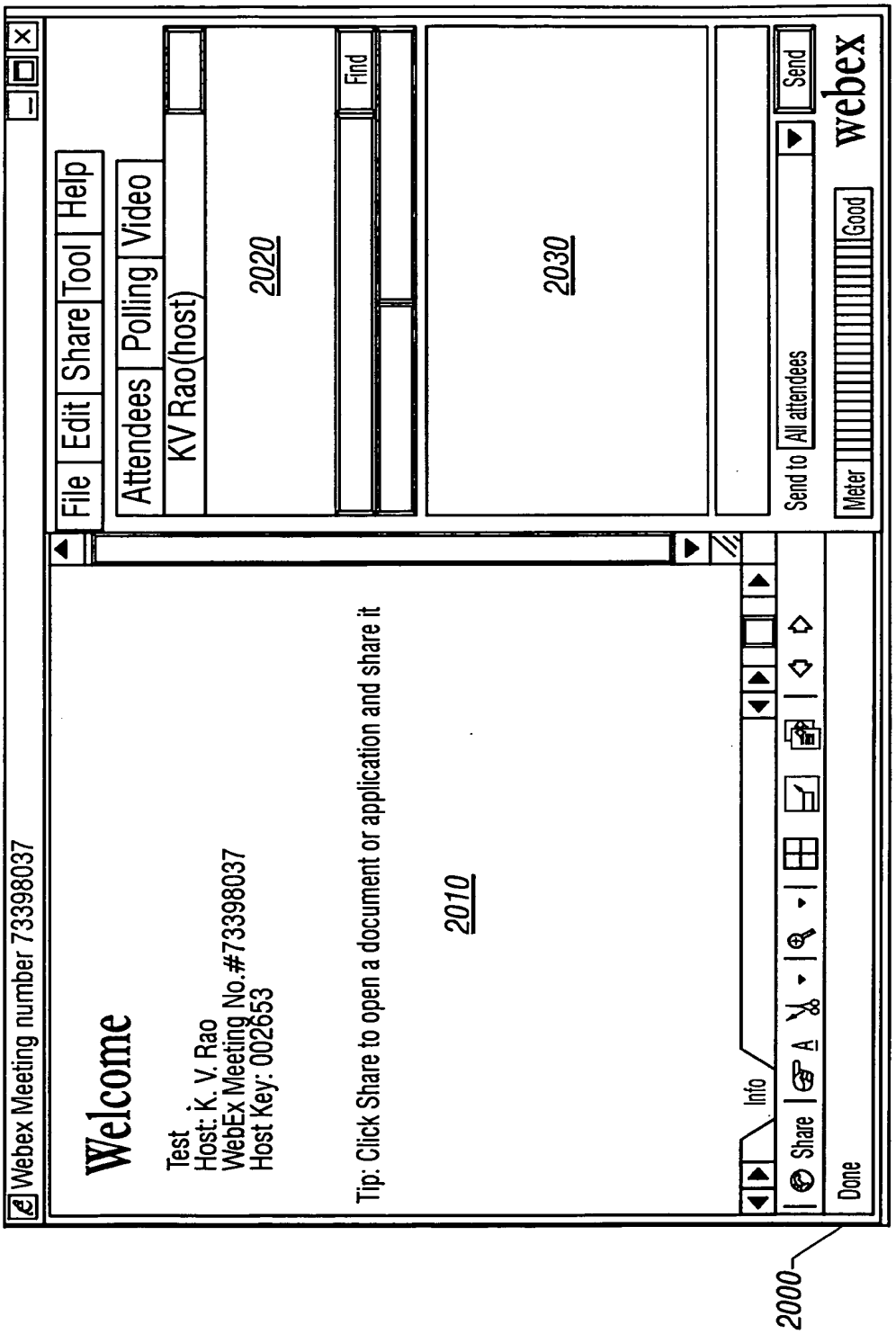
Webex Meeting number 73398037
File Edit Share Tool Help
Attendees Polling Video
KV Rao(host)
2020
Find
Welcome
Test
Host: K. V. Rao
WebEx Meeting No.#73398037
Host Key: 002653
Tip: Click Share to open a document or application and share it
2010
2030
Send to All attendees
Send
Meter Good
webex
Share
Info
Done
2000

FIG. 20A

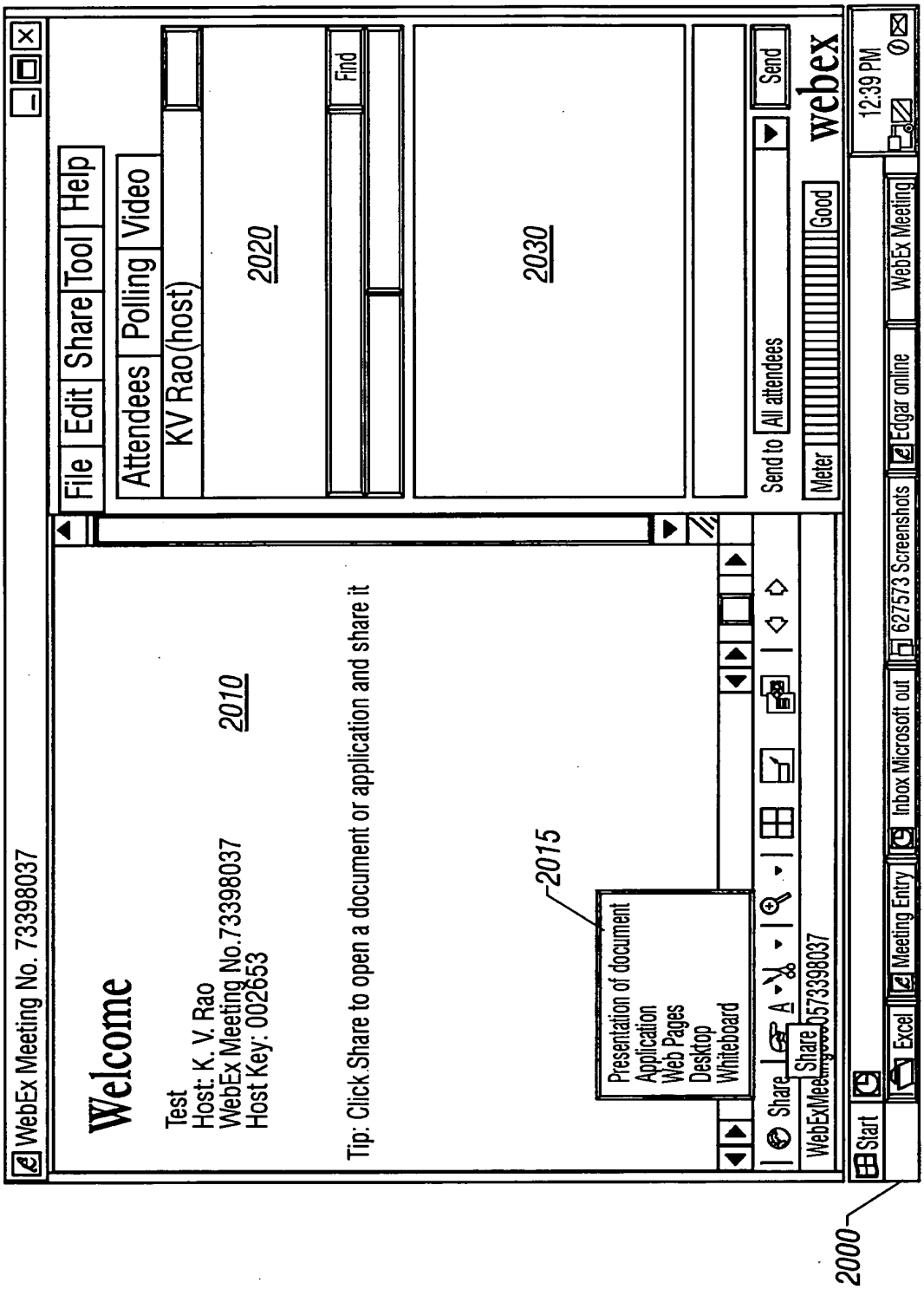
WebEx Meeting No. 73398037
File Edit Share Tool Help
Attendees Polling Video
KV Rao(host)
2020
Find
2030
Send to All attendees
Send
Meter Good
webex
Welcome
Test
Host: K. V. Rao
WebEx Meeting No.73398037
Host Key: 002653
2010
Tip: Click Share to open a document or application and share it
2015
Presentation of document
Application
Web Pages
Desktop
Whiteboard
Share
Start
Excel
Meeting Entry
Inbox Microsoft out
627573 Screenshots
Edgar online
WebEx Meeting
12:39 PM
2000

FIG. 20B

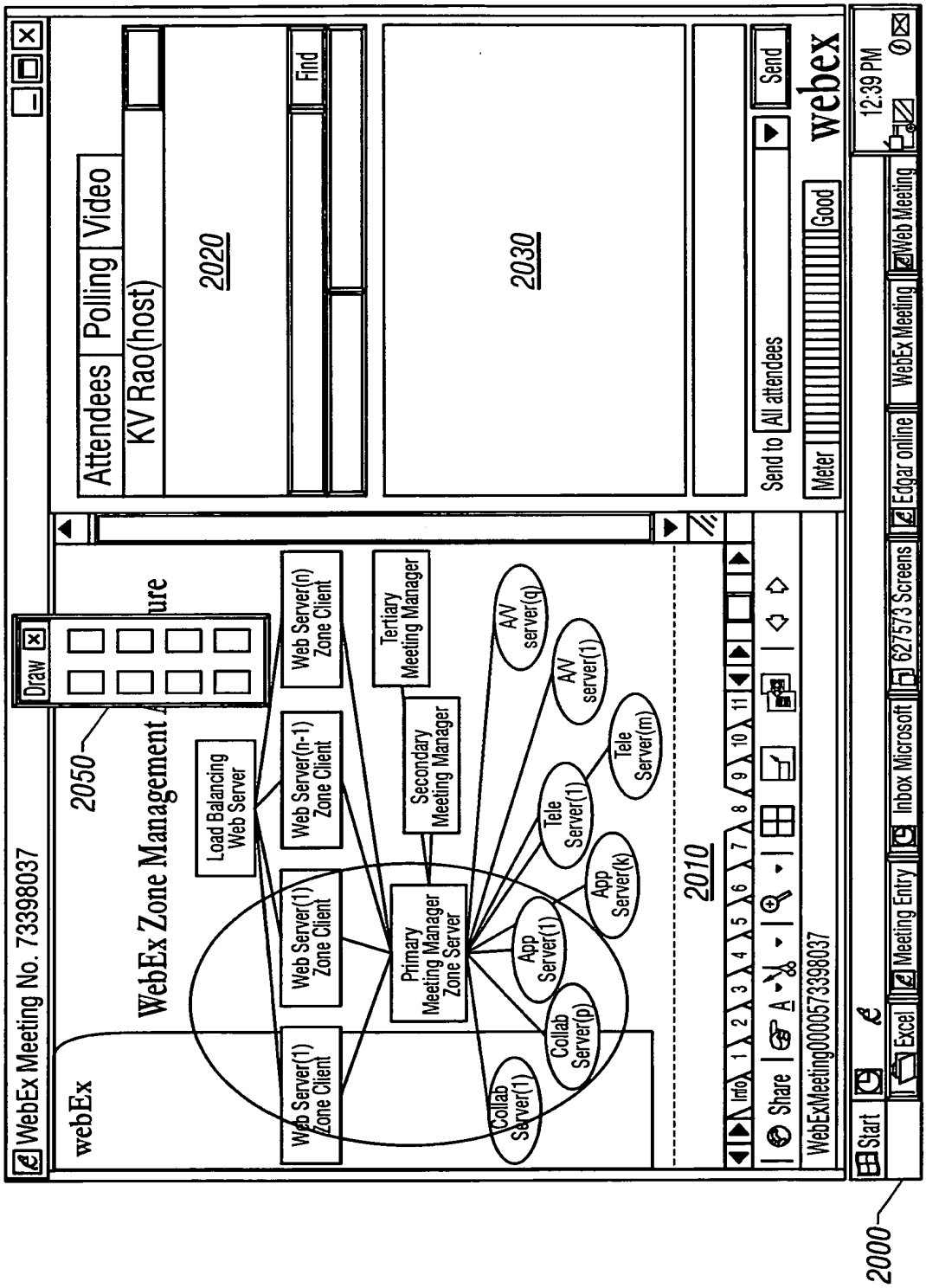
WebEx Meeting No. 73398037
webEx
WebEx Zone Management
2050
Load Balancing Web Server
Web Server(1) Zone Client
Web Server(n-1) Zone Client
Web Server(n) Zone Client
Primary Meeting Manager Zone Server
Secondary Meeting Manager
Tertiary Meeting Manager
Collab Server(1)
Collab Server(p)
App Server(1)
App Server(k)
Tele Server(1)
Tele Server(m)
A/V server(1)
A/V server(q)
2010
Draw
Attendees
Polling
Video
KV Rao(host)
2020
Find
2030
Send to
All attendees
Send
Meter
Good
webex
Share
WebExMeeting0000573398037
Start
Excel
Meeting Entry
Inbox Microsoft
627573 Screens
Edgar online
WebEx Meeting
Web Meeting
12:39 PM
2000

FIG. 20C